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1 ABDOLLAH, Azad
M.D. Queen's 1986
F.R.C.P.C. Neurology 1990

Program in Neuroscience
Department of Neurobiology
Harvard Medical School
220 Longwood Avenue
Boston, Massachusetts 02115
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Neuroscience
Molecular Biology

Dr. Mark C. FISHMAN
1 September 1990

Regulatory elements of the GAP-43 gene.

2 ABECASSIS, Michael M.I.
B.Sc. Toronto 1979
M.D. Toronto 1983
M.Sc. Toronto 1989
F.R.C.S.C. General Surgery 1989

c/o Dr. David STEINMULLER
Director, Surgery Research 352-D ML
University of Iowa Hospitals and Clinics
Iowa City, Iowa 52242
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Viral Infection in Transplantation
Pancreatic Transplantation

Dr. David STEINMULLER
Dr. Robert J. CORRY
1 July 1990

Tissue destruction induced by cytomegalovirus-specific cytotoxic T cells.

3 AFZAL, Nasir M.
M.B., B.S. Punjab University (India) 1983

St. Boniface General Hospital
Research Centre Room 3010
351 Tache Avenue
Winnipeg, Manitoba
R2H 2A6

Cardiac Failure
Myocardial Infarction

Dr. Naranjan S. DHALLA
1 April 1990

Subcellular defects in congestive heart failure.

4 AIRD, William C.
M.D. Western Ontario 1985

Department of Biology
Massachusetts Institute of Technology
Room 56-524
77 Massachusetts Avenue
Cambridge, Massachusetts 02139
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Thrombopoiesis

Dr. Robert D. ROSENBERG
1 July 1990

Molecular biology of megakaryocyte development.

5 AKAI, Peter S.
M.D. Western Ontario 1983
F.R.C.P.C. Internal Medicine 1988

Department of Microbiology and Infectious Diseases
University of Calgary
3330 Hospital Drive N.W.
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T2N 4N1

Parasitology
Immunology

Dr. A. Dean BEFUS
1 July 1989

Studies with the liver flukes O. viverrini and Clonorchis Sinensis.

6 ANDERSON, Gail I.
B.V.Sc. Melbourne (Australia) 1978
M.Sc. Guelph 1988

Department of Surgery
University of Toronto
Toronto, Ontario
M5G 1G6

Bone Biology
Biomaterials

Dr. Jane E. AUBIN
Dr. Johan M.M. HEERSCHE
1 September 1990

Consequences of micromovement on cells and healing bone tissue.

7 ANTHONY, Lawrence S.D.
B.Sc. McGill 1981
Ph.D. McGill 1987

Department of Biochemistry and Microbiology
University of Victoria
P.O. Box 1700
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V8W 2Y2

Immunology
Basic Microbiology

Dr. Francis E. NANO
1 August 1988

Virulence factors of Francisella and the interaction of Francisella with host cells.

8 ARGUIN, Martin
B.A. Laval 1985
M.Sc. Montréal 1987
Ph.D. Montréal 1990

Montreal Neurological Institute
3801 rue University
Montréal, Quebec
H3A 2B4

Héminégligence
Vision

Dr. Daniel N. BUB
1er juillet 1990

Attention and the processing of ignored items in visual hemineglect.

9	ARTHUR, Peter G. B.Sc.(1st Class Hons) University of Western Australia 1981 Ph.D. University of Western Australia 1988	Department of Zoology Faculty of Science University of British Columbia 6270 University Boulevard Vancouver, British Columbia V6T 2A9	Biochemistry Metabolism, Exercise Hypoxia Dr. Peter W. HOCHACHKA 1 September 1990

The role of oxygen in regulating oxygen uptake in muscles.

10	ATTISANO, Liliana B.Sc. Toronto 1984 Ph.D. Toronto 1991	c/o Dr. Joan Massague Department of Cell Biology Memorial Sloan Kettering Institute Box 116 1275 York Avenue New York, New York 10021 U.S.A.	Cell Biology Biochemistry Dr. Joan MASSAGUE 15 November 1990

Growth inhibitory tranforming growth factor-beta signal transduction.

11	AULD, Vanessa J. B.Sc. British Columbia 1983 Ph.D. Toronto 1990	Department of Molecular and Cell Biology Life Science Addition, Room 519 University of California at Berkeley Berkeley, California 94720 U.S.A.	Drosophila Developmental Neurobiology Dr. Corey S. GOODMAN 15 January 1990

Molecular genetics of immunoglobulin-like molecules during neuronal development.

12	BALEJA, James D. B.Sc. (Hons) Manitoba 1983 M.Sc. Manitoba 1984 Ph.D. Alberta 1990	Department of Biological Chemistry and Molecular Pharmacology Harvard Medical School 240 Longwood Avenue Boston, Massachusetts 02115 U.S.A.	Biological Chemistry Molecular Pharmacology Dr. Gerhard WAGNER 1 May 1990

Heteronuclear NMR spectroscopy of protein structure and dynamics.

13	BARAJAS-LOPEZ, Carlos B.Sc. Mexico 1978 M.D. Mexico 1983 M.Sc. Mexico 1986 Ph.D. Mexico 1989	Vollum Institute for Advanced Biomedical Research Oregon Health Sciences University 3181 S.W. Sam Jackson Park Road Portland, Oregon 97201-3098 U.S.A.	Electrophysiology of Smooth Muscle and of Intestinal Secretory Cells Dr. R. Alan NORTH 1 July 1988

Electrophysiological properties of pacemaker cells of the large intestine.

14	BARIBAULT, Hélène B.Sc. Laval 1981 M.Sc. Laval 1983 Ph.D. Laval 1986	La Jolla Cancer Research Foundation 10901 North Torrey Pines Road La Jolla, California 92037 U.S.A.	Mammalian Development Homologous Recombination in Embryonic Stem Cells Dr. Robert G. OSHIMA 15 October 1989

Inactivation of cytokeratin gene in transgenic mice.

15	BELHUMEUR, Pierre B.Sc. Laval 1981 M.Sc. Montréal 1984 Ph.D. Montréal 1989	c/o Dr. Michael W. Clark Department of Biology McGill University 1205 Docteur Penfield Avenue Montreal, Quebec H3A 1B1	Thérapie génique Dr. Michael W. CLARK 1er juillet 1989

Study of PRP20, a yeast protein involved in the control of chromosome condensation.

16	BENDER, Alexander S. B.Sc.(Hons) Saskatchewan 1979	Department of Pathology University of Miami, School of Medicine	Neurochemistry Neuropharmacology

M.Sc. Saskatchewan 1981
Ph.D. Saskatchewan 1988

P.O. Box 016960
Miami, Florida 33101
U.S.A.

Electrophysiology
Dr. Michael D. NORENBERG
1 July 1988

Role of astrocytes in pH homeostasis.

17 BENYON, R. Christopher
B.A. University of Oxford (England) 1982
Ph.D. University of Southampton (UK) 1987

Department of Microbiology and Infectious Diseases
University of Calgary
3330 Hospital Drive N.W.
Calgary, Alberta
T2N 4N1

Immunology

Dr. A. Dean BEFUS
1 March 1989

Mechanisms of human mast cell cytotoxicity.

18 BERGSAGEL, Daniel J.
B.Sc. Toronto 1979
M.D. Queen's 1983
F.R.C.P.C. Pediatrics 1989

Dana Farber Cancer Institute
44 Binney Street
Boston, Massachusetts 02115
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Cancer

Dr. Robert L. GARCEA
1 July 1989

The role of human papovaviruses in pediatric malignancies.

19 BEST, Thomas M.
B.H.K. Windsor 1984
M.D. Western Ontario 1988

c/o Dr. W.E. Garrett
Department of Biomedical Engineering
Duke University
Durham, North Carolina 27706
U.S.A.

Biomechanics
Sports Medicine

Dr. William E. GARRETT
Dr. James Harry MCELHANEY
1 August 1989

Biomechanical investigation of the failure mechanisms of skeletal muscle.

20 BIANCHI, Césario F.
M.D. Santa Casa - Sao Paulo 1981
M.Sc. Montréal 1985
Ph.D. McGill 1988

Cellular and Molecular Research Laboratory
Cardiac Unit
Massachusetts General Hospital
Jackson 13th
Boston, Massachusetts 02114
U.S.A.

Cardiovascular Research
Biochemistry
Molecular Biology

Dr. Charles J. HOMCY
1 July 1986

Atrial natriuretic factor: Biosynthesis and cellular actions in myocardial hypertrophy and failure.

21 BLADON, Trevor S.
B.Sc. (Hons) Carleton 1980
Ph.D. Carleton 1986

Department of Medicine
University of Ottawa
Medical Sciences Bldg.
451 Smyth Road
Ottawa, Ontario
K1H 8M5

Cancer Research
Molecular and Cell Biology

Dr. Michael W. MCBURNEY
1 April 1988

The role of RNA polymerase III transcripts in development and cancer.

22 BOISSINOT, Maurice
B.Sc. Laval 1982
M.Sc. Laval 1985
Ph.D. Laval 1989

Molecular Biology - MB5
Research Institute of Scripps Clinic
10666 North Torrey Pines Road
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Protein Engineering

Dr. Elizabeth D. GETZOFF
1 July 1990

Protein engineering of Cu,Zn superoxide dismutase.

23 BOISSONADE, Fiona M.
B.D.S. Birmingham 1983
Ph.D. Bristol 1988

c/o Dr. G.E. Lucier
Department of Physiology
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3330 Hospital Drive N.W.
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Neurophysiology
Oro-Facial Sensation

Dr. Gregory E. LUCIER
15 November 1989

Characterization of trigeminal brainstem neurones involved in oral-facial pain.

24	BOMAN, Nancy L. B.Sc. British Columbia 1985 M.D. British Columbia 1989	Department of Biochemistry University of British Columbia Vancouver, British Columbia V6T 1W5	Anti-Cancer chemotherapeutic Drugs Dr. Pieter R. CULLIS 15 April 1990

Liposomal vincristine systems: optimization and mechanism of action.

25	BONET-KERRACHE, Armelle A. M.Sc. Montpellier 1985 Ph.D. Montpellier 1989	Department of Medical Biochemistry University of Calgary 3330 Hospital Drive N.W. Calgary, Alberta T2N 4N1	Biochemistry Protein Chemistry Enzymology Dr. Michael P. WALSH 1er octobre 1989

Analysis of interactions between smooth muscle contractile and regulatory proteins.

26	BOUCHARD, Ronald A. B.P.E. Manitoba 1986 Ph.D. Manitoba 1990	Department of Medical and Medicine Health Sciences Centre, Room 1665 University of Calgary 3330 Hospital Drive N.W. Calgary, Alberta T2N 4N1	Cardiovascular Physiology Cardiovascular Pharmacology Membrane Biology Dr. Wayne R. GILES 1 September 1990

Effects of intracellular pH on K+ currents in mammalian heart.

27	BOUCHER, Andrée M.D. Montréal 1982 F.R.C.P.C. Médecine interne 1987 F.R.C.P.C. 1988 Endocrinologie 1988	Institut de recherche Hôpital général de Montréal 1650, avenue Cedar Pièce 3823, Livingston Hall Montréal (Québec) H3G 1A4	Endocrinology (Thyroid) Immunology Dr. Jack R. WALL 1er juillet 1989

Characterization of a 64kDAa membrane antigen in thyroid associated ophthalmology.

28	BOUVIER, Claudia B.Sc. Montréal 1982 M.Sc. Montréal 1987 Ph.D. Montréal 1990	Vollum Institute for Advanced Biomedical Research Oregon Health Sciences University, L474 3181 S.W. Sam Jackson Park Road Portland, Oregon 97201-3098 U.S.A.	Biologie moléculaire Biochimie Dr. Oliver CIVELLI 1er octobre 1990

Études des deux types de récepteurs dopaminergiques.

29	BOYER, Michael J. M.B., B.S. (1st Class Hons) Sydney 1984	c/o Dr. I.F. Tannock Ontario Cancer Institute 500 Sherbourne Street Toronto, Ontario M4X 1K9	Cancer Tumour Biology Experimental Chemiotherapy Prof. Ian F. TANNOCK 1 February 1990

Regulation of intracellular pH as a target for cancer therapy.

30	BRASSEUR, Nicole M. Licence Université catholique de Louvain (Belgique) 1975 M.Sc. Sherbrooke 1982 Ph.D. Sherbrooke 1987	c/o Dr. Gerald Batist Division of Experimental Therapeutics Montreal General Hospital 1650 Cedar Avenue Montreal, Quebec H3G 1A4	Pharmacologie Détection et Traitement des Tumeurs Dr. Gerald Batist 15 juin 1989

Association de porphyrines et phtalocyanines à des vecteurs colloïdaux.

31	BRIONES-URBINA, Rosario M.D. Central University, Quito (Ecuador) 1978 Ph.D. Memorial 1988 F.R.C.P.C. Internal Medicine 1988	Department of Pharmacology Medical Sciences Building, Room 4358 University of Toronto 1 Kings College Circle	Brain Neuropeptides in Regulation of Appetite Dr. Susan R. GEORGE

	F.R.C.P.C. Endocrinology 1989	Toronto, Ontario M5S 1A8	1 March 1990

Corticotropin releasing factor (CRF) interactions in the regulation of appetite.

32	BROWMAN, Howard I. B.Sc. McGill 1982 M.Sc. McGill 1985 Ph.D. Kansas 1989	Department of Biology University of Victoria P.O. Box 1700 Victoria, British Columbia V8W 2Y2	Neuroethology Ontogeny Vision Dr. Craig W. HAWRYSHYN 1 August 1990

Development of the cone mosaic: anatomical and electrophysiological correlates.

33	BROWN, Christopher B. M.D. Ottawa 1981 F.R.C.P.C. Internal Medicine 1986	Division of Hematology, RM10 Health Sciences Building University of Washington 1959 NE Pacific Street Seattle, Washington 98195 U.S.A.	Growth Factors in Hematopoiesis Dr. John M. HARLAN 1 July 1990

Structure/function of GM-CSF and IL-3.

34	BROWNSTONE, Robert M. B.Sc. Manitoba 1982 M.D. Manitoba 1989 Ph.D. Manitoba 1989	Department of Neurophysiology Panum Institute Blegdamsvej 3C Copenhagen 2200 Denmark	Neurophysiology Prof. Hans HULTBORN 1 August 1990

Study of the spinal neuronal network generating the basic pattern of locomotion.

35	BURCZYNSKI, Frank J. B.Sc. Manitoba 1979 M.Sc. Manitoba 1982 Ph.D. Manitoba 1986	Department of Medicine, GI Unit 1120 Health Sciences West, Box 0538 University of California at San Francisco San Francisco, California 94143 U.S.A.	Pharmacokinetics Biophysics Dr. Richard A. WEISIGER 15 September 1986

Electrochemical forces driving the hepatic clearance of cationic drugs.

36	BURNS, Kevin D. B.Sc. (Hons) McGill 1980 M.D., C.M. McGill 1984 F.R.C.P.C. Internal Medicine 1989 F.R.C.P.C. Nephrology 1990	c/o Dr. R.C. Harris Division of Nephrology S-3223 Medical Center North Vanderbilt University Nashville, Tennessee 37232-2372 U.S.A.	Renal Cellular Physiology R.C. HARRIS Dr. H.R. JACOBSON 1 July 1989

Expression of the renal angiotensin II receptor in Xenopus laevis oocytes.

37	CAMPBELL, Robert M. B.Sc.(Hons) British Columbia 1982 M.D. British Columbia 1986	Ludwig Institute for Cancer Research Montreal Branch 687 Pine Avenue West Montreal, Quebec H3A 1A1	Molecular Oncology Dr. Alan C. PETERSON 15 August 1987

Insertional mutagenesis of the dt locus by a transgene expressed in the neural tube.

38	CAPADAY, Charles B.Sc. McGill 1979 M.Sc. Western Ontario 1982 M.Sc.A (Electrical Engineering) Montréal 1984 Ph.D. Alberta 1987	Department of Physiology and Biophysics School of Medicine University of Washington Seattle, Washington 98195 U.S.A.	Neurophysiology of Cortical Activity Dr. Eberhard E. FETZ 1 August 1989

Intracortical processing of neural activity within the motor cortex.

39	CARERE, Ronald G. B.Sc.(Hons) Guelph 1980 M.D. Ottawa 1984 F.R.C.P.C. Internal Medicine 1988	Division of Nuclear Cardiology and Radiology Toronto General Hospital Gerrard Wing, room 1-512	Cardiology

F.R.C.P.C. Cardiology

200 Elizabeth Street
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Dr. Peter P. LU
1st July 1990

Jointly-sponsored Fellowship with I.C.I. Pharma Canada of Mississauga
In vivo studies of endothelial and smooth muscle repair following angioplasty injury in a pig model.

40 CARTER, David A.
B.Sc. Toronto 1973
M.A. British Columbia 1975
M.D. Toronto 1979
F.R.C.S.C. Neurosurgery 1985

Research Institute
Montreal General Hospital
1650 Cedar Avenue
Montreal, Quebec
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Neural Regeneration/
Augmentation

Dr. Alberto J. AGUAYO
1 June 1986

Regenerational synaptogenesis in the adult mammalian CNS.

41 CARVALHO, Roberto S.
D.D.S. Parana (Brazil) 1987
M.Sc. Manitoba 1990

Department of Preventive Dental Science
Faculty of Dentistry, Room 341
University of Manitoba
780 Bannatyne Avenue
Winnipeg, Manitoba
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Oral Biology
Connective Tissue

Dr. Edwin Yen
1 October 1990

Proteoglycan synthesis by cells of the articular disc of the temporomandibular joint.

42 CASSON, Alan G.
M.B., Ch.B. Manchester 1981
M.Sc. Memorial 1986
F.R.C.S.C. Thoracic Surgery 1989

Department of Thoracic Surgery
University of Texas System Cancer Center
M.D. Anderson Hospital & Tumor Institute
1515 Holcombe Boulevard
Houston, Texas 77030
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Immunotoxins

Dr. Jack A. ROTH
1 July 1989

Evaluation of Immunotoxin efficacy.

43 CHAKRABARTTY, Avijit
B.Sc. Alberta 1982
M.Sc. Alberta 1985
Ph.D. Toronto 1989

c/o Dr. Robert L. Baldwin
Department of Biochemistry
Beckman Center
Stanford University School of Medicine
Stanford, California 94305-5307
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Protein Folding
Protein Engineering

Dr. Robert L. BALDWIN
1 March 1990

Sidechain H-bonds at the ends of α-helices.

44 CHAN, Bosco M.C.
B.Sc. (Hons) Acadia 1976
M.Eng. McMaster 1980
Ph.D. Manitoba 1988

c/o Dr. Martin Hemler
Division of Tumor Virology /M613
Dana Farber Cancer Institute
44 Binney Street
Boston, Massachusetts 02115
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Cell Adhesion Receptors
in the Integrin Family

Dr. Martin HEMLER
15 March 1989

Molecular basis for the structure-functional multiplicity of VLA-2.

45 CHEN, Beiyun
M.B. Beijing 1986

Department of Pharmacology and Therapeutics
McGill University
3655 Drummond Street
Montreal, Quebec
H3G 1Y6

Developmental Pharmacology

Dr. Barbara F. HALES
1 July 1990

Gene expression in normal and abnormal embryo development.

46 CHEN, Sui Rong
B.Sc. Shanghai Jiao Tong (China) 1982
Ph.D. Western Ontario 1989

Banting and Best Department of Medical Research
Charles H. Best Institute
112 College Street
Toronto, Ontario
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Molecular Biology
Gene Expression

Dr. David H. MACLENNAN
1 September 1990

Structure/function relationships in the ryanodine receptor.

47 CHEN, Youhai Y.
M.D. Shangdong Medical University (China) 1983
M.Sc. Shangdong Medical University (China) 1986

Department of Immunology
University of Manitoba
730 William Ave.
Winnipeg, Manitoba
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Immunologic Tolerance

Dr. Alec SEHON
1 April 1990

Induction of adult tolerance by modified antigens.

48 CHENG, Heung-Chin
B.Sc. Chinese University of Hong Kong 1981
Ph.D. California (Davis) 1986

Cell Regulation Group
Department of Medical Biochemistry
University of Calgary
Room 2545 Health Sciences CentrE
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Calgary, Alberta
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Protein Chemistry

Dr. Jerry H. WANG
1 September 1989

Structural determinants of protein tyrosine kinase substrates.

49 CHRISTOFI, Fedias L.
B.Sc.(Hons) Western Ontario 1983
Ph.D. Western Ontario 1989

Department of Physiology
Ohio State University
4130 Graves Hall
333 West 10th Avenue
Columbus, Ohio 43210
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Cellular Neurophysiology of Enteric Neurons

Dr. Jackie D. WOOD
1 August 1989

Nucleoside regulation of electrical behaviour of myenteric neurons.

50 CHUNG, Stephen W.
M.D. Toronto 1983
F.R.C.S.C. 1989

University of Toronto
Medical Sciences Building
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1 King's College Circle
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M5S 1A8

Immunology
Hepatitis

Dr. Gary Avrum LEVY
Dr. Eric Robert MISBET-BROWN
1 July 1990

Role of helper and suppressor/cytotoxic T cells in murine hepatitis virus strain 3 infection.

51 CLARK, Denise V.
B.Sc. British Columbia 1983
Ph.D. Simon Fraser 1990

Division of Basic Medical Sciences - M684
Fred Hutchinson Cancer Research Center
1124 Columbia Street
Seattle, Washington 98104
U.S.A.

Molecular Genetics

Dr. Steven HENIKOFF
1 April 1990

Organization of Gart locus genes in Chironomus and Manduca.

52 CONLON, Jennifer A.
D.V.M. Guelph 1985
M.Sc. Guelph 1987

Department of Veterinary Microbiology and Immunology
Ontario Veterinary College
University of Guelph
Guelph, Ontario
N1G 2W1

Dr. Patricia E. SHEWEN
1 July 1989

Investigation of the protective antigens of Pasteurella haemolytica.

53 CONLON, Ronald A.
B.Sc. Western Ontario 1982
M.Sc. McGill 1985
Ph.D. Texas at Austin 1990

Mount Sinai Hospital Research Institute
Room 884
600 University Avenue
Toronto, Ontario
M5G 1X5

Mammalian Embryology

Dr. Janet ROSSANT
15 June 1990

Identification of spatially regulated gene products in the postimplantation mouse embryo.

54 CONNELL, Gregory J.
B.Sc. British Columbia 1985
Ph.D. British Columbia 1990

c/o Dr. Michael Yarus
Department of Molecular, Cellular and Developmental Biology

Mechanism of RNA Catalysis

		Porter Sciences Building University of Colorado at Boulder Campus Box 34711 Boulder, Colorado 80309-0347 U.S.A.	Dr. Michael YARUS 15 August 1990

Modification of the specificity of the guanosine/ arginine site of the Tetrahymena intron.

55	CORNIL, Isabelle S. D.V.M. Paris XII 1987	c/o Dr. Victor Ling The Ontario Cancer Institute 500 Sherbourne Street Toronto, Ontario M4X 1K9	Cancer Genetics Dr. Victor LING 1 July 1989

New approach to studying the biology of human malignant melanoma.

56	COULOMBE, Benoit B.Sc. Montréal 1981 M.Sc. Montréal 1984 Ph.D. Montréal 1988	Banting & Best Institute Department of Medical Research University of Toronto 112 College Street Toronto, Ontario M5G 1L6	Régulation de l'expression génétique Dr. Jack Fred GREENBLATT 1er mai 1990

Activation of transcription by RNA polymerase II.

57	CRAIG, Ann Marie B.Sc.(Highest Hons) Carleton 1984 Ph.D. Western Ontario 1989	Laboratory of Molecular and Cellular Neurobiology National Institute of Neurological and Coomunicative Disorders and Stroke (NINCDS) National Institutes of Health Park 5, Room 435 Bethesda, Maryland 20892 U.S.A.	Molecular Neurobiology Dr. Daniel L. ALKON 15 September 1989

Role of regulation of DNA transcription in learning and memory.

58	CRIBB, Alastair E. D.V.M. Saskatchewan 1984 Ph.D. Toronto 1991	Department of Pharmacology Sir Charles Tupper Medical Building Dalhousie University 6th Floor Halifax, Nova Scotia B3H 4H7	Drug Metabolism Pharmacokinetics Dr. Kenneth W. RENTON 1 July 1988

Cyclosporin A metabolism and interactions in children.

59	CRIDLAND, Ruth A. B.Sc. McGill 1983 Ph.D. McGill 1988	Department of Physiology University of British Columbia 2146 Health Sciences Mall Vancouver, British Columbia V6T 1W5	Neuropharmacology Neurophysiology Dr. Norman W. KASTING 1 September 1988

Exogenous opioid actions on endogenous opioid dynamics.

60	CROSS, David D.Phil. Sussex 1975 M.A. Cambridge 1976 M.D., C.M. McGill 1984 F.R.C.P.C. Clinical Immunology & Allergy 1989	Department of Pediatrics National Jewish Center for Immunology and Respiratory Medicine 1400 Jackson Street Denver, Colorado 80206 U.S.A.	 Dr. John C. CAMBIER 1 July 1988

The mechanism of signal transduction by transforming growth factor B-1 in murine B lymphocytes.

61	CROSS, James C. D.V.M. Saskatchewan 1987 Ph.D. Missouri 1991	Department of Animal Science University of Missouri-Columbia College of Agriculture 158 A.S.R.C.	Molecular Virology Dr. R. Michael ROBERTS

Columbia, Missouri 65211
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1 August 1987

Molecular cloning of porcine embryonic interferon.

62 DAGENAIS, André
B.Sc. Montréal 1981
Ph.D. Montréal 1988

Institut national de la recherche scientifique-Santé
245, boulevard Hymus
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Maladie d'Alzheimer
Biologie moléculaire

Dr Denis GAUVREAU
Dr Joséphine NALBANTOGLU
15 mars 1988

Expression de la B-amyloïde après transfection dans des cellules neuronales.

63 DALEY, Mary D.
B.Sc. (cum laude) Dalhousie 1979
M.D. (cum laude) Dalhousie 1983
F.R.C.P.C. Anesthesia 1988

Department of Medicine
Mount Sinai Hospital
600 University Avenue
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Immunology

Dr. Katherine A. SIMINOVITCH
1 July 1989

Human variable gene utilization in malignant and autoreactive B cells.

64 DAVIES, Philip O.
D.V.M. Guelph 1988

The Institute of Cancer Research
Royal Cancer Hospital
Chester Beatty Laboratories
F237 Fulham Road
London SW3 6JB
United Kingdom

Molecular Biology

Dr. Keith WILLISON
10 July 1988

Characterization of the t-complex responder locus.

65 DAVIS, Ann C.
B.Sc. Guelph 1971
D.V.M. Guelph 1975
Ph.D. Toronto 1988

Institute for Molecular Genetics
Baylor College of Medicine
Room T-932
1 Baylor Plaza
Houston, Texas 77030
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Genetic Analysis of Immune Function

Dr. Allan BRADLEY
15 September 1984-
14 September 1987
15 October 1988

Gene targeting in embryonic stem cells.

66 DAVIS, Claytus A.
B.Sc. Queen's 1983
M.Sc. Queen's 1986
Ph.D. Toronto 1991

Division of Biology
California Institute of Technology
Pasadena, California 91125
U.S.A.

Embryology
Basic Genetics

Dr. Seymour BENZER
Dr. James G. BOSWELL
1 February 1991

Genes expressed in spatially distinct patterns.

67 DAVIS, Karen D.
B.Sc. Toronto 1983
M.Sc. Toronto 1984
Ph.D. Toronto 1988

Department of Neurosurgery
Johns Hopkins Hospital
Meyer 7-113
600 N. Wolfe Street
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Neurophysiology

Dr. James CAMPBELL
1 August 1988

Neurophysiological and psychophysical studies of pain.

68 DEAL, Cheri L.
B.Sc. McGill 1976
Ph.D. McGill 1981
M.D. Montréal 1985
F.R.C.P.C. Pediatrics 1989

Division of Pediatric Endocrinology
Department of Pediatrics
Stanford University Medical Center
Stanford, California 94305
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Pediatric Endocrinology

Dr. Ron G. ROSENFELD
1 October 1989

Insulin-like growth factors and the human placenta.

69 DEBINSKI, Waldemar
M.D. Warsaw (Poland) 1981
Ph.D. McGill 1989

National Cancer Institute/LMB
National Institutes of Health
Building 37 R4B20

Molecular Biology
Molecular Pharmacology

		Bethesda, Maryland 20892 U.S.A.	Dr. Ira H. PASTAN 1 March 1989

Construction of hybrid toxins designed to kill cells bearing specific receptors.

70	DE BRUM-FERNANDES, Artur J. M.D. Sao Paulo (Brazil) 1979	Département de pharmacologie Faculté de Médecine Université de Sherbrooke 3001, 12e avenue nord Sherbrooke (Québec) J1H 5N4	Pharmacology of Inflammation Dr Pierre SIROIS 1 April 1990

Characterization of leukotriene receptors in the lungs.

71	DELANEY, Kerry R. B.Sc.(Hons) British Columbia 1982 M.A. Princeton 1985 Ph.D. Princeton 1987	c/o Dr. R. Llinas Department of Physiology and Biophysics New York University Medical Centre 550 First Avenue New York, New York 10016 U.S.A.	Neurophysiology Dr. Rodolfo LLINAS 1 October 1989

Molecular mechanisms of synaptic transmission.

72	DE LAUNOIT, Yvan-Paul Ph.D. Université libre de Bruxelles 1989	a/s Dr. Fernand Labrie Centre de recherches en endocrinologie moléculaire Centre Hospitalier de l'Université Laval 2705, boulevard Laurier Québec (Québec) G1V 4G2	Cancer Dr Fernand LABRIE 1er janvier 1990

Protooncogene expression in prostate cancer.

73	DELIKATNY, Edward J. B.Sc. Winnipeg 1978 Ph.D. British Columbia 1987	Department of Cancer Medicine University of Sydney Blackburn Building Sydney, New South Wales 2006 Australia	Biophysics Pathology Cancer Dr. Carolyn E. MOUNTFORD 1 June 1988

Investigation of human biopsy specimens and malignant cultured cells using MRS.

74	DER, John E. M.D. Semmelweis Orvostudomanyi Egyetem (Budapest) 1979	Faculty of Medicine University of Alberta 418 Newton Building Edmonton, Alberta T6G 2C2	 Dr. Kowichi JIMBOW 1 July 1989

Melanosomal protein as a marker for melanocyte differentiation.

75	DESJARDINS, Benoit M.Sc. Montréal 1988 M.D. Montréal 1989	c/o Dr. Bruce G. BUCHANAN Intelligent Systems Laboratory 205 M.I.B. University of Pittsburgh Pittsburgh, Pennsylvania 15260 U.S.A.	Artificial Intelligence in Medicine Dr. Bruce G. BUCHANAN Dr. Randolph A. MILLER 1 May 1990

Reasoning strategies with causal knowledge in medicine.

76	DEVAULT, Alain B.Sc. Montréal 1982 M.Sc. Montréal 1984 Ph.D. Montréal 1988	c/o Dr. Jacques Demaille Département de Biochimie CNRS/INSERM B.P. 5051 Montpellier Cedex 34033 France	 Dr Jacques DEMAILLE 15 juin 1990

Protein tyrosine kinases of EC cells.

77 DINATTIA, Gabriel E.
B.Sc.(Hons) Dalhousie 1982
M.Sc. Dalhousie 1985
Ph.D. Manitoba 1990

Eukaryotic Molecular Biology Program
School of Medicine, M-048
University of California, San Diego
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U.S.A.

Dr. Michael G. ROSENFELD
1 July 1990

Regulation of morphogenesis by retinoic acid.

78 DIXON, Ian M.C.
B.Sc.(Hons) Manitoba 1983
M.Sc. Manitoba 1987
Ph.D. Manitoba 1990

Centre for Cardiovascular Research
Toronto General Hospital
Eaton North 13-208
200 Elizabeth Street
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M5G 2C4

Molecular Biology of
of Cardiomyopathy

Dr. Michael J. SOLE
1 August 1990

The molecular genetics of cardiomyopathy.

79 DOIZÉ, Francoise A.C.R.
D.M.V. Liège (Belgique) 1977
D.Sc. Notre-Dame de la Paix
(Namur - Belgique) 1985

Département d'anatomie et
physiologie animale
Faculté de médecine vétérinaire
Université de Montréal, C.P. 5000
St-Hyacinthe (Québec)
J2S 7C6

Biomédecine
Physiologie
Pharmacologie

Dr Laszlo DE ROTH
1er septembre 1988

Variations de la CK-MM du muscle strié en relation avec l'hyperthermie maligne.

80 DORÉ, Monique
D.M.V. Montréal 1983
M.Sc. Montréal 1986
Ph.D. Cronell 1990

Department of Pediatrics
Baylor College of Medicine
Texas Children's Clinical Care Center
8080 N. Stadium Drive, Suite 2100
Houston, Texas 77054
U.S.A.

Pathology
Inflammation
Leucocyte Biology

Dr. C. Wayne SMITH
1 July 1987

The role of neutrophil adhesion in reperfusion injury: molecular mechanisms.

81 DROUIN, Régen
M.D. Montréal 1983
Ph.D. Montréal 1988

Department of Biology
Beckman Research Institute
City of Hope Medical Center
1450 East Duarte Road
Duarte, California 91010
U.S.A.

Biologie moléculaire
Cytogénétique

Dr. Gerald P. HOLMQUIST
1er juillet 1986

Replication time control of gene expression in mammalian cells.

82 DUAN, Jianmin
B.Sc. Shandong Normal University (China) 1982
Ph.D. Dalhousie 1989

Department of Pharmacology & Toxicology
University of Western Ontario
Medical Sciences Building
London, Ontario
N6A 5C1

Cardiovascular Research
Electrophysiology
Electropharmacology
Dr. Margaret P. MOFFAT
1 July 1989

Mechanisms underlying the electrophysiological and biochemical effects of reperfusion.

83 DUTZ, Jan P.
M.D. Queen's 1983

Center for Cancer Research
Room E17-128
Massachusetts Institute of Technology
77 Massachusetts Avenue
Cambridge, Massachusetts 02139
U.S.A.

Immunology
Cytotoxic T Cell
Antigen Presentation

Dr. Herman N. EISEN
1 September 1990

Antigen processing mutants as defective targets for cytotoxic T lymphocytes.

84 DYER, John R.
B.Sc. British Columbia 1982
M.Sc. Toronto 1986
Ph.D. Toronto 1989

c/o Dr. Robert Dunn
Neuroscience Research Unit
Montreal General Hospital
1650 Cedar Avenue
Montreal, Quebec
H3G 1A4

Molecular Biology
Electrophysiology

Dr. Robert J. DUNN
1 December 1989

Molecular genetics of murine sodium channel genes.

85 ÉCHELARD, Yann
B.Sc. Montréal 1984
Ph.D. Montréal 1989

Department of Cellular and Molecular Biology
Roche Institute of Molecular Biology
340 Kingsland Street
Nutley, New Jersey 07110-1199
U.S.A.

Génétique moléculaire
Oncogènes
Tumorigenèse

Dr. Alain NEPVEU
1er juillet 1989

Genetic or epigenetic events leading to the production of novel c-myc mRNAs found in BC3H1 and A31 cells stably infected with the v-erb8 oncogene

86 EDERY, Isaac
B.Sc. McGill 1981
Ph.D. McGill 1988

Howard Hughes Medical Institute
Department of Biology
Brandeis University
235 Bassine Drive
Waltham, Massachusetts 02254-9110
U.S.A.

Circadium Rhythm
Neurogenesis

Dr. Michael ROSBASH
1 January 1989

Role of period gene in biological clocks.

87 ELLIOTT, William M.
B.Sc. Toronto 1982
Ph.D. Toronto 1989

Department of Anatomy
University of British Columbia
Faculty of Medicine
2177 Wesbrook Mall
Vancouver, British Columbia
V6T 1W5

Cancer

Dr. Nelly AUERSPERG
15 April 1989

The influence of divergent differentiation on carcinogenesis.

88 ELLIS, James R.
B.Sc. McGill 1984
Ph.D. Toronto 1990

Laboratory of Gene Structure and Expression
National Institute for Medical Research
The Ridgeway, Mill Hill
London NW7 1AA
England

Dominant Control of Globin Expression

Dr. Frank G. GROSVELD
1 August 1990

Transcription of factors involved in erythroid differentiation.

89 ELLISON, Kimberly S.
B.Sc. Toronto 1982
Ph.D. Massachusetts Institute of Technology 1989

c/o Dr. Malcolm C. PATERSON
Molecular Genetics and Carcinogenesis Laboratory
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11560 University Avenue
Edmonton, Alberta
T6G 1Z2

Molecular Oncogenesis

Dr. Malcolm C. PATERSON
1 September 1989

Functional analysis of the DNA binding domain of the erb-A proto-oncogenes.

90 EPSTEIN, Michelle
B.Sc. McGill 1980
M.D. Alberta 1985

Section of Immunobiology
Yale University, School of Medicine
333 Cedar Street, FMB 424
New Haven, Connecticut 06515
U.S.A.

Dr. Kim BOTTOMLY
1 July 1990

Role of peptide: MHC class II and CD4 subsets in experimental allergic enciphalomyelitis.

91 EVANS, Peter J.
A.B. Harvard 1983
M.D. Calgary 1987

Toronto General Hospital
200 Elizabeth Street
Toronto, Ontario
M5G 2C4

Microneurovascular Surgery

Dr. Susan E. MACKINNON
1 July 1988

Preservation of peripheral nerve grafts.

92 FALCONER, Marcia M.
B.Sc. Simmons College (Boston, Mass.) 1964
M.Sc. Carleton 1985
Ph.D. Ottawa 1990

Center for Cancer Research
Massachusetts Institute of Technology
Department of Biology
40 Ames Street, Building E 17, 221

Molecular Biology of Cytoskeleton

Dr. Frank SOLOMON

		Cambridge, Massachusetts 02139 U.S.A.	1 November 1990

In vivo functions of ezrin, a cytoskeletal substrate for tyrosine kinases.

93	FAN, Ping F.P. B.M. Harbin Medical University (China) 1983	Department of Physiology and Biophysics Sir Charles Tupper Medical Building Dalhousie University Halifax, Nova Scotia B3H 4H7	Neuroscience Dr. John C. SZERB 1 September 1989

Metabolic factors in synaptic transmission.

94	FARRELL, Catherine L. B.Sc.(Hons) Toronto 1978 M.Sc. Western Ontario 1981 Ph.D. Western Ontario 1988	Max-Planck-Institut für Psychiatrie Abteilung Neurochemie D-8033 Martinsreid Am Klopferspitz 18A Germany	Blood-Brain Barrier Dr. Werner Risau 1 January 1989

Blood-Brain Barrier Development in vitro.

95	FEIGENBAUM, Annette S.J. M.B., Ch.B. University of Cape Town (South Africa) 1978 F.R.C.P.C. (Pediatrics) 1988	Hospital for Sick Children 555 University Avenue Room 9125, Elm Wing Toronto, Ontario M5G 1X8	Molecular Genetics Biochemistry Dr. Brian H. ROBINSON 1 July 1989

The elucidation of gene structure for lipoamide dehydrogenase (E_3) and the definition of human deficiency at the molecular level.

96	FENG, Gen-Sheng B.S. Hangzhou University (China) 1982 M.Sc. Second Army Medical (China) School 1984 Ph.D. Indiana 1990	c/o Dr. Bryan R.G. Williams Division of Infectious Diseases Hospital for Sick Children 555 University Avenue Toronto, Ontario M5G 1X8	Molecular Genetics Infectious Diseases Dr. Tony Pawson 1 August 1990

Regulation of gene expression by interferons

97	FERNANDEZ-RACHUBINSKI, Françoise Pharm.D. Montpellier (France) 1979 Ph.D. Toulouse (France) 1983	Department of Pathology oom 2N31 McMaster University Medical Centre 1200 Main Street West Hamilton, Ontario L8N 3Z5	Antithrombin III Gene Structure Dr. Morris A. BLAJCHMAN 1 October 1988

Molecular pathology of antithrombin III deficiency

98	FIELD, Catherine J. B.Sc. Guelph 1980 M.Sc. Toronto 1984 Ph.D. Alberta 1988	Department of Nutrition and Food Science Centre Royal Victoria Hospital 687 Pine Avenue West Montreal, Quebec H3A 1A1	Diabetes Nutrition, Metabolism Dr. Errol B. MARLISS 1 June 1988

Energy metabolism in immunocytes from the spontaneously diabetic BB rat.

99	FILEP, Janos G. M.D. Semmelweis University Medical School (Budapest) 1978	Département de pharmacologie Faculté de médecine Université de Sherbrooke Sherbrooke (Québec) J1H 5N4	Pharmacologie immunopneumopharmacologie Dr Pierre SIROIS 15 Octobre 1989

Immunopharmacology of leukotrienes.

100	FILTEAU, Suzanne M. B.Sc. McGill 1979 M.Sc. Guelph 1983	Clinical Nutrition Group Department of International Child Health Institute of Child Health	Immunology Nutrition, Endocrinology

Ph.D. Guelph 1987

Guilford Street
London WC1N 1EH
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Prof. Andrew TOMKINS
15 January 1988

Neuroendocrine involvement in immune function of undernourished animals.

101 FINLAY, Janet M.
B.Sc. Victoria 1982
Ph.D. British Columbia 1989

Department of Behavioural Neurosciences
University of Pittsburgh
446 Crawford Hall
Pittsburgh, Pennsylvania 15260
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Behavioural Neuroscience
Parkinsonism
Catecholamines
Dr. Michael J. ZIGMOND
Dr. Elizabeth D. ABERCROMBIE
1 June 1990
Leave: 01.01.92-29.02.92

Mechanism of action of L-DOPA in an animal model of Parkinsonism.

102 FINLAYSON, Paul G.
B.Sc. Calgary 1981
Ph.D. Ottawa 1986

Department of Ophthalmology
Eye Care Center, Room 348
University of British Columbia
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Vancouver, British Columbia
V5Z 3N9

Auditory Neuropharmacology
Amino Acid Neurotransmission

Dr. Max S. CYNADER
1 July 1989

Long term potentiation in temporal (primary auditory) cortex slices.

103 FISHELL, Gordon J.
B.Sc. Toronto 1984
Ph.D. Toronto 1989

c/o Dr. Mary E. Hatten
Columbia University
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Developmental Neurobiology
Cell Biology

Dr. Mary E. HATTEN
1 September 1989

Molecular mechanisms of granule cell migration.

104 FLETCHER, Elizabeth J.
B.Sc. Bristol (England) 1986
Ph.D. London (England) 1989

Department of Physiology and Pharmacology
Playfair Neuroscience Unit
Toronto Western Hospital
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Toronto, Ontario
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Neuropharmacology
Excitatory Amino Acids

Dr. John F. MACDONALD
1 September 1990

Intracellular regulation of N-methyl-D-aspartate receptors.

105 FOLDES, Eva
M.D. Semmelweis University Medical School (Budapest) 1980

Département de pharmacologie
Faculté de médecine
Université de Sherbrooke
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Pharmacologie
Pneumopharmacologie

D^r Pierre SIROIS
1^er mai 1990

Immunopharmacology of leukotrienes.

106 FORTIER, Pierre A.
B.Sc. Concordia 1981
M.Sc. Queen's 1983
Ph.D. Montréal 1987

Department of Physiology and Biophysics
School of Medicine, SJ-40
University of Washington
Seattle, Washington 98195
U.S.A.

Neurophysiology

Dr. Eberhard E. FETZ
1 June 1988

Contribution of CM cells to the discharge of SMU's and wrist torque.

107 FOURNIER, Susan
B.Sc. McGill 1982
Ph.D. McGill 1988

Department of Pharmacology
University of Ottawa
451 Smyth Road
Ottawa, Ontario
K1H 8M5

Molecular Genetics
Developmental Biology

Dr. Michael W. MCBURNEY
1 April 1989

Cis-actin elements regulating expression of pgk-1 and their possible role in X-inactivation.

108 FRANCIS, Gordon A.
B.Sc. Simon Fraser 1979
MD.CM McGill 1984

Div. of Metabolism, Endocrinology & Nutrition
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Seattle, Washington 98195
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Dr. Edwin Lawrence BIERMAN
1 October 1990

109 FRAPPELL, Peter B.
B.Sc.(Hons) Tasmania 1985
Ph.D. Flinders (Australia) 1990

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McIntyre Medical Sciences Building
McGill University
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Montreal, Quebec
H3G 1Y6

Ventilation and Metabolism at Birth
Normoxia, Hypoxia, Hypertoxia

Dr. Jacopo P.A. MORTOLA
1 October 1990

Metabolic adaptation of the newborn: role of oxygen supply.

110 FRAPPIER, Lori D.
B.Sc.(Hons) Queen's 1984
Ph.D. McGill 1988

Department of Microbiology
Cornell University Medical Centre
1300 York Avenue
New York, New York 10021
U.S.A.

Epstein-Barr Virus and Replication Origin

Dr. Michael E. O'DONNELL
1 July 1988

Characterization of the Epstein-Barr virus origin binding protein EBNA1.

111 FRASER, Paul E.
B.Sc. Dalhousie 1980
M.Sc. Toronto 1984
Ph.D. Toronto 1988

Department of Neuropathology and Neurology
Children's Hospital Medical Center
300 Longwood Avenue
Boston, Massachusetts 02115
U.S.A.

Biochemistry
Neurochemistry

Dr. Daniel A. KIRSCHNER
1 July 1988

Biophysical aspects of nervous system disease: multiple sclerosis and Alzheimer's.

112 FRUTEAU-DE-LACLOS, Bernard
M.D. Montpellier (France) 1981
Ph.D. Montpellier 1988
F.R.C.P.C. (Biochimie médicale) 1990

Department of Pediatrics/Pharmacology
National Jewish Center for Immunology and Respiratory Medicine
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Denver, Colorado 80262
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Leucotriènes, Poumon
Neutrophiles
Spectrométrie de masse

Dr. Robert C. MURPHY
1er décembre 1990

Sulfidopeptide Leukotriene Production in the Human.

113 GALLAND, Conrad C.
M.D. Western Ontario 1982
B.Sc.(Hons) Western Ontario 1985
M.Sc. Toronto 1988

Department of Physics
University of Toronto
60 St. George Street
Toronto, Ontario
M5S 1A7

Biophysics of Neural Self-Organization

Dr. Geoffrey HINTON
1 May 1990

The contrastive hebb synapse as a mechanism for self-organization.

114 GAN, Kezheng
M.Sc. Tianjin (China) 1982
Ph.D. Chuo (Japan) 1989

Medical Sciences Building
University of Toronto, Room 7334
1 King's College Circle
Toronto, Ontario
M5S 1A8

Respiratory Physiology
Biomedical Engineering

Dr. Arthur S. SLUTSKY
1 September 1990

Flow dynamics and gas transport.

115 GARSON, Kenneth
B.Sc.(Hons) Ottawa 1983
Ph.D. Ottawa 1989

Eukaryotic Gene Organization and Expression Laboratory
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P.O. Box 123
Lincoln's Inn Fields
London WC2A 3PX
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Molecular Biology

Dr. Michael FRIED
1 September 1989

Cloning and analaysis of additional genes in the closely spaced mouse surfeit gene cluster.

116 GIROUX, Sylvie
B.Sc. Montréal 1984
Ph.D. Montréal 1989

Centre de la recherche sur le Cancer
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Virus à ARN
double brin

Dr. Adolfo RUIZ-CARRILLO
1er décembre 1989

Étude de l'activité d'une endonucléase à spécificité de sites récemment identifiée chez différentes espèces.

117 GODDARD, Philip J.
B.Sc.(Hons) Western Ontario 1981
M.Sc. Western Ontario 1984
Ph.D. University of Texas (Houston) 1989

Department of Surgery
Beth Israel Hospital
Harvard Medical School, Dana - 815
330 Brookline Avenue
Boston, Massachusetts 02215
U.S.A.

Physiology
Gastrointestinal Physiology

Dr. William SILEN
1 October 1989

Control mechanisms regulating intracellular pH in cell types of the gastric mucosa.

118 GOLDBERG, Howard J.
M.D. Toronto 1982

Department of Microbiology
University of British Columbia
300 - 6174 University Boulevard
Vancouver, British Columbia
V6T 1W5

Regulation of Collagen
Gene Expression

Dr. Richard A.J. Warren
15 August 1989

Molecular mechanisms controlling the expression of Type I collagen genes.

119 GRAHAM, Roger W.
B.Sc. University of Winnipeg 1984
Ph.D. British Columbia 1990

Department of Biochemistry
University of British Columbia
2146 Health Sciences Mall
Vancouver, British Columbia
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Dr. Richard Antony John WARREN
15 April 1990

120 GRANT, Christopher C.R.
B.Sc. British Columbia 1983
Ph.D. Colorado 1988

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Stanford University Medical Center
Stanford University
Stanford, California 94305
U.S.A.

Regulation and Expression of
Virulence Factors of
Campylobacter

Dr. Lucy TOMPKINS
1 June 1989

Genetic basis of virulence in Campylobacter.

121 GRAVEL, Claude
B.Sc. Laval 1980
M.Sc. Laval 1984
Ph.D. Laval 1989

Institut de recherches cliniques
de Montréal
110, avenue des Pins ouest
Montréal (Québec)
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Virologie, rétrovirus
encéphalopathie

D[r] Paul JOLICOEUR
1er mai 1989

Functional ablation of pain from restricted innervation domains using gene transfer.

122 GRIEBEL, Philip J.
B.Sc. Victoria 1977
D.V.M. Saskatchewan 1981
Ph.D. Saskatchewan 1988

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Department of Medical Physiology
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Calgary, Alberta
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B-Cell Growth and Development
Lymphokines/Lymphocyte
development

Dr. John D. REYNOLDS
1 September 1984

In vivo investigation of ileal Peyer's patch B cell differentiation.

123 GRIFFITH, C. May
B.Sc. Toronto 1984
M.Sc. Toronto 1985
Ph.D. Toronto 1990

Department of Anatomy
Harvard Medical School
220 Longwood Avenue
Boston, Massachusetts 02115-6092
U.S.A.

Developmental Cell Biology
Experimental Embryology
Teratology

Dr. Elizabeth D. HAY
1 May 1990

The role of the cell surface and extracellular matrix in early embryonic development.

124 GRIGORIADIS, Agamemnon E.
B.Sc.(Hons) Toronto 1982
M.Sc. Toronto 1984
Ph.D. Toronto 1989

Institute of Molecular Pathology
University of Vienna
Dr. Bohr-Grasse 7
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Molecular Genetics of Murine Embryology and Development

Dr. Erwin F. WAGNER
1 June 1989

Gene transfer into embryonic stem cells.

125 GRINM, Paul C.
M.D. Saskatchewan 1981
F.R.C.P.C. Pediatrics 1987

Division of Pediatric Nephrology
A2-331 MDCC
UCLA Medical Centre
10833 LeConte Avenue
Los Angeles, California 90024
U.S.A.

Transplantation Immunology

Dr. Robert B. ETTENGER
1 July 1988

The immunologic nature of the presensitized state in organ transplantation.

126 GUO, Yuding
M.D. Shanghai Second Medical University (China) 1977
Ph.D. Shanghai Medical University (China) 1983

Department of Biochemistry
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Queen's University
Kingston, Ontario
K7L 3N6

Regulation of Gene Expression
Protein Chemistry

Dr. Glenville JONES
1 August 1988

Retinoid receptors in cultured human fibroblasts and rat osteoblasts.

127 GUPTA, Sanjoy K.
M.Sc. Indian Institute of Technology (Bombay, India) 1985
Ph.D. Dalhousie 1990

Centre for Research in Neuroscience
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1650 Cedar Avenue
Montreal, Quebec
H3G 1A4

Molecular Neurobiology

Dr. Robert J. DUNN
1 June 1990

Sodium channel expression in animal cells.

128 GURBINDO, Covadonga
M.D. Complutense (Madrid, Spain) 1977
Ph.D. Autonoma (Madrid, Spain) 1986

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H3T 1C5

Gastroentérologie
Nutrition

Dr. Ernest G. SEIDMAN
1er juillet 1988

Studies on the mechanisms involved in the pathogenesis of immune-mediated intestinal diseases.

129 HALPERN, Marnie E.
B.Sc.(Hons) McMaster 1981
M.Sc. McMaster 1983
M.Sc. Yale 1985
M.Phil Yale 1986
Ph.D. Yale 1990

Institute of Neuroscience
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219 Huestis Hall
Eugene, Oregon 97403
U.S.A.

Neurobiology
Developmental Genetics

Dr. Charles B. KIMMEL
15 May 1990

Mutational analysis of neuronal development in zebrafish.

130 HAN, Xinqiang
BM Henan Medical University (China) 1983
M.Sc. Henan Medical University (China) 1986

Department of Pharmacology
Dalhousie University
Sir Charles Tupper Medical Building
Halifax, Nova Scotia
B3H 4H7

Dr. Gregory Robert FERRIER
1 July 1990

Role of a- and B-adrenergic agents in cardiac arrhythmias.

131 HASSESSIAN, Harout M.
B.Sc. McGill 1983
M.Sc. McGill 1986
Ph.D. Montréal 1990

Department of Anatomy and Developmental Biology
University College
Gower Street

Physiologie
Pharmacologie
Hypertension

London WC1E 6B
England

Dr. Geoffrey BURNSTOCK
1er septembre 1990

Vasoconstriction of pulmonary vessels produced by adenosine triphosphate.

132 HAYWARD, Catherine P.M.
B.Sc. Western Ontario 1980
M.D. Western Ontario 1984
F.R.C.P.C. Internal Medicine 1988
F.R.C.P.C. Hematology 1989

Department of Pathology
McMaster University Medical Centre
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Hamilton, Ontario
L8N 3Z5

Platelet Activation and Immunobiology
Thrombosis

Dr. John G. KELTON
1 July 1990

Investigation of a novel platelet activation antigen.

133 HEGELE, Richard G.
M.D. Toronto 1984

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St. Paul's Hospital
1081 Burrard Street
Vancouver, British Columbia
V6Z 1Y6

Experimental Pathology
Molecular Biology

Dr. James C. HOGG
1 August 1989

Pathophysiology of viral lung diseases.

134 HEI, Yong-jiang
B.M. Shihezi Medical College (China) 1983
M.Sc. West China University of Medical Sciences 1986

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2146 East Mall
Vancouer, British Columbia
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Cardiovascular Pharmacology
Diabetes related Heart

Dr. John H. MCNEILL
Dr. Jack DIAMOND
1 July 1990

Alteration of B-adrenergic receptor system in diabetic heart.

135 HENKEMEYER, Mark J.
B.Sc. Minnesota 1984
Ph.D. Wisconsin-Madison 1990

Division of Molecular and Developmental Biology
Mount Sinai Hospital Research Institute
600 University Avenue
Toronto, Ontario
M5G 1X5

Oncogenes and Mouse Development

Dr. Anthony J. PAWSON
1 November 1990

Function of proto-oncogenes in mammalian development.

136 HILL, David P.
B.S. Rochester 1983
Ph.D. Indiana 1988

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Mount Sinai Hospital
600 University Avenue
Toronto, Ontario
M5G 1X5

Embryology
Molecular Biology

Dr. Janet ROSSANT
15 August 1989

Isolation of developmentally regulated genes in in the mouse.

137 HNATOWICH, Mark R.
B.Sc. Winnipeg 1980
Ph.D. Manitoba 1986

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Duke University Medical Center
Durham, North Carolina 27710
U.S.A.

Molecular Pharmacology of Transmembrane Signalling Processes

Dr. Robert J. LEFKOWITZ
Dr. Marc G. CARON
1 April 1988

Structure and function of the human B2-adrenergic receptor.

138 HOEHN, Katja
M.D. Saskatchewan 1986

Department of Medical Physiology
University of Calgary
Room 2113, Health Sciences Centre
3330 Hospital Drive N.W.
Calgary, Alberta
T2N 4N1

Dr. Brian Archibald MACVICAR
1 July 1987

Excitatory amino acid-evoked adenosine release from neocortex.

139 HOPKINS, Susan R.
B.Med.Sc. Memorial 1978
M.D. Memorial 1980
M.P.E. British Columbia 1988

Division of Sports Medicine
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University of British Columbia
3055 Westbrook Mall
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Dr. Donald C. MCKENZIE
1 July 1989

Pulmonary diffusion limitation and hypoxemia during exercise.

140 HOWELL, Ann Marie
B.Sc.(Hons) Simon Fraser 1983
Ph.D. British Columbia 1989

Division of Basic Sciences
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Seattle, Washington 98104
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Developmental Genetics

Dr. James R. PRIESS
15 June 1989

Analysis of g1p-1 suppressors.

141 HU, Bin
M.D. Shanghai Second Medical College (China) 1983
Ph.D. Laval 1988

Research Institute
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1650 Cedar Avenue
Montreal, Quebec
H3G 1A4

Electrophysiology
Neuropharmacology

Dr. Charles W. BOURQUE
1 July 1990

Neuropharmacology of glutamate receptors on rat supraoptic neuroscretory neurons.

142 HU, Xiuyuan Y.
M.D. West China University of Medical Sciences (China) 1980
M.Sc. Sun Yat-Sen University of Medical Sciences (China) 1983

Department of Genetics
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Toronto, Ontario
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Medical Genetics

Dr. Ronald G. WORTON
1 October 1988

Molecular analysis of duplication formation in Duchenne muscular dystrophy.

143 HUDSON, Thomas J.
M.D. Montréal 1985
F.R.C.P.C. Internal Medicine 1989
F.R.C.P.C. Clinical Immunology and Allergy 1990

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E-17-536 40 Ames Street
Cambridge, Massachusetts 02139
U.S.A.

Molecular Immunology
Tumours and Infections

Dr. David HOUSMAN
1 July 1990

Heat shock proteins in the process of host resistance.

144 HUGO, Patrice
B.Sc. Québec à Montréal 1983
M.Sc. Québec à Montréal 1985
Ph.D. McGill 1988

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Immunologie
Lymphocyte-T

Dr. John W. KAPPLER
Dr. Philippa C. MARRACK
1er février 1989

Caractérisation de sous-populations immatures de thymocytes.

145 HULETSKY, Ann
B.Sc. Sherbrooke 1982
M.Sc. Sherbrooke 1985
Ph.D. Sherbrooke 1988

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Université Laval
Québec (Québec)
G1K 7P4

Génie génétique

Dr Roger C. LÉVESQUE
1er octobre 1988

Site-directed mutagenesis and protein engineering of SHV-type beta-lactamases.

146 HURLBERT, R. John
M.D. Saskatchewan 1985

Playfair Neuroscience Unit
Toronto Western Hospital
Room 12-423
399 Bathurst Street
Toronto, Ontario
M5T 2S8

Spinal Cord Injury

Dr. Charles H. TATOR
1 July 1989

Recovery and regeneration after acute experimental spinal cord injury.

147 JACKSON, Marion L.
D.V.M. Guelph 1974
M.V.Sc. Saskatchewan 1984

Department of Veterinary Pathology
Western College of Veterinary Medicine
University of Saskatchewan
Saskatoon, Saskatchewan
S7N 0W0

Molecular Biology
Clinical Pathology

Dr. Deborah M. HAINES
Dr. Vikram MISRA
1 March 1990

Molecular basis of the heterogeneity of feline leukemia virus-associated diseases.

148 JARVI, Keith A.
M.D. Ottawa 1982

c/o Dr. C. GAGNON,
Urology Research Lab. H6-46
Royal Victoria Hospital
687 Pine Avenue West
Montreal, Quebec
H3A 1A1

Dr. Claude GAGNON
1 July 1990

149 JARVIE, Keith R.
B.Sc. McMaster 1983
M.Sc. Toronto 1986
Ph.D. Toronto 1990

Department of Cell Biology
Duke University Medical Centre
Box 3287
Room 468, Carl Building
Durham, North Carolina 27710
U.S.A.

Receptor Biochemistry
Neuropharmacology

Dr Marc G. CARON
1 May 1990

D_2-dopamine receptors: structure-function relationships.

150 JASSAR, Balvinder S.
B.V.Sc. Punjab Agricultural University (India) 1979
M.V.Sc. Punjab Agricultural University (India) 1986

Department of Pharmacology
University of Alberta
Edmonton, Alberta
T6G 2H7

Neuropharmacology
Neurophysiology

Dr. Peter Anthony SMITH
1 July 1990

Regulation of ion channels in sympathetic neurones

151 JEVNIKAR, Anthony M.
B.Sc.(Hons) Western Ontario 1976
M.Sc. Western Ontario 1977
M.D. (cun laude) Western Ontario 1981
F.R.C.P.C. Internal Medicine 1986

Laboratory of Immunogenetics and Transplantation
Brigham and Women's Hospital
75 Francis Street
Boston, Massachusetts 02115
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Immunology
Molecular Biology

Dr. Vicki E. KELLEY
15 July 1988

The role of kidney tubular cells in autoimmune nephritis.

152 JIA, Yanlin
M.D. Beijing Medical University (China) 1982
M.Sc. Beijing Graduate School of Military Medicine 1988

c/o Dr. Seymour Heisler
Cystic Fibrosis Research Laboratory
Montreal Chest Hospital Centre
3650 St. Urbain Street
Montreal, Quebec
H2X 2P4

Pharmacology of Cystic Fibrosis

Dr. Seymour HEISLER
Dr. Peter T. MACKLEM
1 July 1990

Characterization of the dysfunctional sodium channel in cystic fibrosis.

153 JIANG, He
M.D. Luzhou Medical College (Sichuan, China) 1982
M.Sc. 3rd Medical University (Chongqing, China) 1985

Department of Physiology, Room 425
Medical Sciences Building
University of Manitoba
770 Bannatyne Avenue
Winnipeg, Manitoba
R3E 0W3

Biophysics
Pulmonary Hypertension

Dr. Newman L. STEPHENS
1 April 1990

Biochemical and biophysical study of bronchial smooth muscle relaxation.

154 JIANG, Mingtao M.
B.M. Shangdong Medical University (China) 1985

Department of Physiology
University of Western Ontario
London, Ontario

Cardiovascular Physiology

N6A 5C1

Dr. Njanoor NARAYANAN
1 July 1990

Calcium pump function of sarcoplasmic reticulum (SR) in aged myocardium.

155 JOJART, Istvan
M.D. Szeged Medical University (Hungary) 1978

Thyroid Research Lab., Room 5309
Health Sciences Centre
Memorial University
300 Prince Philip Drive
St. John's, Newfoundland
A1B 3V6

T cells
Immunohistochemistry

Dr. George CARAYANNIOTIS
Dr. Nadir R. FARID
1 July 1990

T cell receptors in autoimmunity

156 JONES, Amanda M.
B.Sc. (1st Class) London (England) 1983
M.B., B.S. (Distinctions) London 1986

Biomedical Research Centre
Health Sciences Mall
University of British Columbia
Vancouver, British Columbia
V6T 1W5

Cell Biology

Dr. Hermann J. ZILTENER
15 May 1990

Anti-cytokine antibodies as agonists and antagonists.

157 KAISER, Stephanie M.
B.Sc. New Brunswick 1982
M.D. Toronto 1984
F.R.C.P.C. Internal Medicine 1988

Calcium Research Laboratory, Room H4.67
Royal Victoria Hospital
687 Pine Avenue West
Montreal, Quebec
H3A 1A1

Endocrinology
Calcium & Skeletal Homeostasis

Dr. David GOLTZMAN
1 July 1989

Examination of parathyroid hormone interactions with its receptors.

158 KAISER, Ursula B.
B.Sc. New Brunswick 1985
M.D. Toronto 1986
F.R.C.P.C. Internal Medicine 1990

Division of Genetics
Brigham & Women's Hospital
75 Francis Street, Thorn 917
Boston, Massachusetts 02115
U.S.A.

Molecular Biology of Reproductive Endocrinology

Dr. William W. CHIN
1 August 1990

Hormonal regulation of pituitary gonadotropin gene expression.

159 KAO, Kenneth R.
B.Sc. Toronto 1981
M.Sc. Toronto 1984
Ph.D. Toronto 1988

Cancer Research Campaign
Molecular Embryology Unit
University of Cambridge
Downing Street
Cambridge CB2 3EJ
England

Molecular Embryology
Cancer

Dr. John B. GURDON
1 June 1988

Molecular analysis of dorsal differentiation in early embryonic development.

160 KARCZ, Steven R.
B.Sc.(Hons) Western Ontario 1984
Ph.D. Western Ontario 1990

Immunoparasitology Unit
Walter and Eliza Hall Institute
c/o Post Office Royal Melbourne Hospital
Victoria 3050
Melbourne, Victoria 3050
Australia

Immunoparasitology
Molecular Biology

Dr. Graham F. MITCHELL
Dr. Gustav NOSSAL
15 May 1990

Identification, characterization and expression of schistosomiasis vaccine molecules.

161 KATSANIS, Emmanuel
M.D. University of Athens (Greece) 1980
F.R.C.P.C. Pediatrics 1987

Department of Pediatrics
Hematology-Oncology Division
University of Minnesota
Box 484, 420 Delaware Street S.E.
Minneapolis, Minnesota 55455
U.S.A.

Cancer immunology

Dr. Mark E. NESBIT
Dr. Peter N. ANDERSON
1 July 1989

Lymphoid suicide: What does it? Basic research studies and applications.

162 KAWAJA, Michael D.
B.Sc. Acadia 1983
M.Sc. Acadia 1985
Ph.D. Western Ontario 1989

Department of Neurosciences, M-024
University of California, San Diego
9500 Gilman Drive
La Jolla, California 92093-0624
U.S.A.

Neuroscience
Neuroanatomy

Dr. Fred H. GAGE
1 July 1990

Neuroplasticity of the septo-hippocampal circuit.

163 KAY, Robert J.
B.Sc. British Columbia 1980
Ph.D. British Columbia 1986

Terry Fox Laboratory
B.C. Cancer Research Centre
601 West 10th Avenue
Vancouver, British Columbia
V5Z 1L3

Gene Transfer to Human Hemopoietic Cells

Dr. R. Keith HUMPHRIES
1 April 1988

Cloning and characterization of proteins involved in hemopoiesis.

164 KELLY, Gregory M.
B.Sc. (1st Class Hons) Manitoba 1983
Ph.D. Manitoba 1989

c/o Dr. R.T. Moon
Department of Pharmacology
University of Washington
School of Medicine
Seattle, Washington 98195
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Molecular Embryology

Dr. Randall T. MOON
1 April 1989

Wnt-1 proto-oncogene expression in zebrafish embryogenesis.

165 KELLY, Melanie E.M.
B.Sc.(Hons) Southampton (England) 1981
Ph.D. Southampton 1984

Department of Physiology
University of Western Ontario
Health Sciences Centre
Room 221, Medical Sciences Building
London, Ontario
N6A 5C1

Ion Channels

Dr. Stephen M. SIMS
15 June 1989

Modulation of K^+-channels by voltage, ions and G-protein linked receptors.

166 KELTON, David F.
D.V.M. Guelph 1984
M.Sc. Guelph 1989

Department of Population Medicine
Ontario Veterinary College
University of Guelph
Guelph, Ontario
N1G 2W1

Epidemiology

Dr. S. Wayne MARTIN
1 May 1990

Development and implementation of a dairy herd health monitoring program.

167 KHOURY, Marianne
B.Sc. McGill 1981
M.D., C.M. McGill 1985

Stanford University Medical Center
Department of Pediatrics, Room S-332
Stanford, California 94305
U.S.A.

Immunobiology
Transplant Immunology

Dr. Alan M. KRENSKY
1 July 1990
Leave: 01.10.91-30.09.92

Cellular and molecular studies of HLA recognition.

168 KIM, Peter C.W.
M.D., C.M. McGill 1985

Clinical Sciences Division
Medical Sciences Bldg., Room 7360
University of Toronto
1 King's College Circle
Toronto, Ontario
M5S 1A8

Transplantation Immunology

Dr. Zane COHEN
1 July 1988

Small intestinal transplantation.

169 KISHIHARA, Kenji
B.S. Kyushu (Japan) 1984
M.Sc. Kyushu 1986
Ph.D. Kyushu 1989

c/o Dr. Tak W. Mak
The Ontario Cancer Institute
500 Sherbourne Street
Toronto, Ontario
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Immunology

Dr. Tak W. MAK
1 October 1989

Determination of hematopoiesis and lymphocyte function in CD45-deficient mice.

170 KRONE, Patrick H.
B.Sc.(Hons) Waterloo 1986
Ph.D. Waterloo 1990

Basic Sciences Division
Fred Hutchinson Cancer Center
1124 Columbia Street
Seattle, Washington 998104
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Mammalian Gene Expression

Dr. Ronald H. REEDER
1 September 1990

Cloning the gene for rDNA transcription factor SL1

171 KRUSHEL, Leslie A.
B.Sc. (Distinction) Lethbridge 1984
Ph.D. Toronto 1990

Department of Developmental and Molecular Biology
Rockefeller University
1230 York Avenue
New York, New York 10021
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Developmental Neurobiology

Dr. Gerald M. EDELMAN
1 September 1990

Cell adhesion molecules in forebrain development.

172 KUBES, Paul
B.Sc.(Hons) Queen's 1984
M.Sc. Queen's 1986
Ph.D. Queen's 1988

Department of Physiology
Louisiana State University
Medical Center
1501 Kings Highway, P.O. Box 33932
Shreveport, Louisiana 71130-3932
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Physiology

Dr. D. Neil GRANGER
1 November 1988

Effect of platelet-activating factor, lymphocytes and intestinal transplantation on leukocyte function.

173 KUCEY, Daryl S.
B.Med.Sc. Alberta 1984
M.D. (Distinction) Alberta 1986

Toronto General Hospital
200 Elizabeth Street
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Toronto, Ontario
M5G 2C4

Surgical Infectious Disease

Dr. Ori D. ROTSTEIN
1 July 1989

The role of fibrin deposition in the pathogenesis of abdominal infection.

174 KUCHEL, George A.
M.D., C.M. McGill 1980
F.R.C.P.C. Internal Medicine 1986

Department of Geriatrics/Neurobiology
Mount Sinai School of Medicine
One Gustave L. Levy Place
Box #1065
New York, New York 10029-6574
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Geriatrics
Neurobiology

Dr. Mariann BLUM
Dr. John H. MORRISON
1 July 1990

Molecular regulation of nerve growth factor and its receptor in the mature and aging nervous system.

175 KUREISHI, Amar
B.Med.Sc. Alberta 1982
M.D. Alberta 1984

Department of Microbiology and Infectious Diseases
Health Sciences Center
University of Calgary
3330 Hospital Drive N.W.
Calgary, Alberta
T2N 4N1

Microbiology and Infectious Diseases

Dr. Lawrence E. BRYAN
1 July 1989

Sequencing the resistant gyr A gene and constructing chimers.

176 LABELLA, Lisa A.
B.A. University of Winnipeg 1982
M.Sc. Manitoba 1986
Ph.D. Manitoba 1989

Département de physiologie
Université de Montréal
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Spinal Cord Neurophysiology

Dr Serge ROSSIGNOL
1er octobre 1989

Presynaptic mechanisms during treadmill locomotion.

177 LABRECQUE, Louise
M.D. Montréal 1982
F.R.C.P.C. Médecine interne 1986

Department of Virology
Royal Postgraduate Medical School
Hammersmith Hospital

Virologie médicale

F.R.C.P.C. Microbiologie médicale 1988

Du Cane Road
London W12 ONN
England

Dr. Beverly E. GRIFFIN
15 avril 1990

The application of polymerase chain reaction to detection of viral gene expression in epithelial cells.

178 LABRIE, Claude
M.D. Laval 1985
Ph.D. Laval 1990

Protein Synthesis Laboratory
Cold Spring Harbor Laboratory
P.O. Box 100
Cold Spring Harbor, New York 11724
U.S.A.

HIV Gene Expression

Dr. M. B. MATHEWS
15 July 1990

Effects of the tat transactivator on HIV-1 RNA metabolism.

179 LACROIX, Linda
B.Sc. McGill 1979
M.D., C.M. McGill 1983
F.R.C.P.C. Internal Medicine 1987

Brigham & Women's Hospital
Thorn Research Facility
Hematology Research
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Boston, Massachusetts 02115
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Hematology
Oncology

Dr. Kenneth BRIDGES
1 September 1989

Expression, assembly and lysosomal turnover of ferritin.

180 LAFOND, Julie
B.Sc. Laval 1981
M.Sc. Montréal 1984
Ph.D. Montréal 1987

Université du Québec à Montréal
Département de chimie
C.P. 8888, Succursale "A"
Montréal (Québec)
H3C 3P8

Placenta
Calcium

Dr Richard BÉLIVEAU
1er juillet 1989

Transport du calcium par la membrane syncytiotrophoblastique du placenta humain.

181 LAMARRE, Jonathan
D.V.M. Guelph 1986
Ph.D. Guelph 1991

Department of Pathology
Health Sciences Center
University of Virginia
Charlottesville, Virginia 22908
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Experimental Pathology

Dr. Steven L. Gonias
1 May 1988

Fibrinolysis and the regulation of cytokine activity.

182 LAPORTE, Régent
D.M.V. Montréal 1986
M.Sc. Montréal 1991

Department of Pharmacology
College of Medicine
University of Vermont
Given Building
Burlington, Vermont 05045-0068
U.S.A.

Pharmacodynamique
Muscle lisse vasculaire

Dr. John A. BEVAN
1er septembre 1989

Implication fonctionnelle de l'endothélium dans les interactions hormono-vasculaires.

183 LAURIER, Lisanne G.
B.Sc. Toronto 1976
M.D. McMaster 1984
Ph.D. McMaster 1984
F.R.C.P.C. Internal Medicine 1987
F.R.C.P.C. Endocrinology 1989

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Toronto, Ontario
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Neuroendocrinology
Reproductive Endocrinology

Dr. Susan R. GEORGE
1 July 1990

The hormonal regulation of dopamine D2 receptor expression.

184 LAYDEN, Ronald E.
B.Sc.(Hons) Dalhousie 1979
Ph.D. Western Ontario 1985

c/o Dr. Andrew Matus
Friedrich Miescher Institute
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Basel CH-4002
Switzerland

Basic Genetics
Parasitology

Dr. Andrew I. MATUS
1 August 1988

Gene expression during neural development.

185 LECLERC, Nicole
B.Sc. Laval 1983

c/o Dr. Kenneth S. Kosik
Center for Neurological Diseases

Genetics and Neurobiology

M.Sc. Laval 1987
Ph.D. Laval 1989

Thorn Biosciences Building
Brigham and Women's Hospital
Boston, Massachusetts 02115
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Dr. Kenneth S. KOSIK
1er décembre 1989

The relationship between the antigenic cerebellar banding pattern and the cell lineages of the Purkinje cells.

186 LEDOUX, Stéphane
M.D. Montréal 1985
F.R.C.P.C. Neurology 1989

c/o Dr. Junying Yuan
Cardiovascular Research Center
Harvard Medical School, MZ-3
Massachusetts General Hospital
Boston, Massachusetts 02114
U.S.A.

Neurosciences
Neurodegenerative Disorders

Dr. Neil R. CASHMAN
1er septembre 1989

Beta-amyloid precursor protein mRNA expression in Alzheimer's Disease.

187 LEUNG, Wai Ping
B.Sc. Hong Kong 1978
M.Phil Hong Kong 1980
Ph.D. Melbourne (Australia) 1987
1987

Department of Medical Biophysics
Ontario Cancer Institute
500 Sherbourne Street
Toronto, Ontario
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Molecular Biology
Immunology

Dr. Tak W. MAK
1 July 1988

Targeting of immune function genes by homologous recombination in embryonic stem (ES) cells.

188 LEWIS, James F.
M.D. Western Ontario 1982
F.R.C.P.C. Internal Medicine 1987
F.R.C.P.C. Respirology 1988

Harbor UCLA Medical Centre
Building A-17 Annex
1000 W. Carson Street
Torrance, California 90509
U.S.A.

Respirology

Dr. Alan H. JOBE
15 September 1988

Surfactant metabolism in lung injury.

189 LINDSAY, Thomas F.
B.Sc. McGill 1979
M.D. McGill 1983
M.Sc. Toronto 1988
F.R.C.S.C. General Surgery 1989

Brigham and Women's Hospital
75 Francis Street
Boston, Massachusetts 02115
U.S.A.

Ischemia/ Reperfusion

Dr. Herbert B. HECHTMAN
1 July 1990

Inflammatory consequences of ischemia.

190 LINDSELL, Claire E.
B.V.Sc. Sydney (Australia) 1980
M.Sc. Saskatchewan 1985

Reproductive Biology Research Unit
Department of Obstetrics and Gynecology
University Hospital
Saskatoon, Saskatchewan
S7N 0X0

Reproductive Physiology

Dr. Bruce D. MURPHY
1 April 1987

Immunomodulation of fertility.

191 LIST, Stephen J.
B.Sc. Toronto 1977
M.Sc. Toronto 1978
Ph.D. Toronto 1982
M.D. McMaster 1985
F.R.C.P.C. Psychiatry 1989

Department of Psychiatry
McMaster University
1200 Main Street West
Hamilton, Ontario
L8N 3Z5

Schizophrenia
Dopamine Receptors

Dr. John M. CLEGHORN
1 July 1990

Brain dopamine receptors in good and poor responders to neuroleptics.

192 LIU, Xingquan
B.Sc. South China Agricultural University 1982
M.Sc. McGill 1985
Ph.D. McGill 1990

c/o Dr. Tony Pawson
Mount Sinai Hospital Research Institute
600 University Avenue
Toronto, Ontario
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Molecular Oncology

Dr. Anthony J. PAWSON
15 April 1990

Identity and function of gap-associated phosphotyrosine-containing proteins.

193 LIU, Yafang

Department of Pharmacology

Pharmacology

M.D. Henan Medical University (China) 1982
M.S. Henan Medical University (China) 1985

McGill University
3655 Drummond Street
Montreal, Quebec
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Neurosciences

Dr. Paul R. ALBERT
1 June 1989

Molecular analysis of 5-HT1A and dopamine-D2 receptor signaling.

194 LOHNES, David L.
B.Sc.(Hons) Queen's 1984
Ph.D. Queen's 1989

Faculté de médecine
Institut de chimie biologique
INSERM, Unité 184
11, rue Humann
Strasbourg Cedex 67085
France

Molecular Biology of Retinoic Acid Receptors

Dr Pierre CHAMBON
15 octobre 1989

Structure/function of retinoic acid receptors.

195 LORIMER, Ian A. J.
B.Sc.(Hons) Guelph 1983
Ph.D. Western Ontario 1989

Department of Psychiatry
University of British Columbia
2146 Health Sciences Mall
Vancouver, British Columbia
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Biochemistry

Dr. Terrance P. SNUTCH
1 May 1990

In vitro mutagenesis analysis of Mat alpha2 DNA binding specificity.

196 LOW, Amy
B.Sc. (Hons) Guelph 1985
Ph.D. Monash (Melbourne, Australia) 1990
1990

c/o Dr. E.E. Daniel
Department of Biomedical Sciences
McMaster University
1200 Main Street West
Hamilton, Ontario
L8N 3Z5

Vascular Smooth Muscle

Dr. Edwin E. DANIEL
1 October 1990

Regulatory role of sarcoplasmic reticulum on intracellular calcium in vascular smooth muscles.

197 LUMSDEN, John S.
B.Sc. Guelph 1983
D.V.M. Guelph 1987
M.Sc. Guelph 1989

Department of Pathology
Ontario Veterinary College
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N1G 2W1

Immunology
Fish Disease

Dr. Hugh W. FERGUSON
1 September 1990

Local immune response in fish gills.

198 LUO, Jiangming
M.D. Fujian Medical College (China) 1982

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University of Manitoba
770 Bannatyne Avenue
Winnipeg, Manitoba
R3E 0W3

Physiology
Molecular Endocrinology

Dr. Liam J. MURPHY
1 July 1990

The molecular mechanisms involved in growth hormone action.

199 LUSSIER, Benoit T.
B.Sc.(Hons) Ottawa 1982
M.Sc. Ottawa 1984
Ph.D. Western Ontario 1990

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146 rue Léo Saignat
33076 Bordeaux Cedex
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Neurophysiology
Neuroendocrinology

Dr Bernard DUFY
15 Juin 1990

Regulation of Ca^{2+} currents and cytosolic Ca^{2+} by growth hormone-releasing hormone in rat somatotrophs.

200 MA, Yuanhong
B.S. Wuhan (China) 1982
Ph.D. California (Los Angeles) 1988

Department of Medical Genetics
University of British Columbia
Room F168, 2211 Wesbrook Mall
Vancouver, British Columbia
V6T 2B5

Human Molecular Genetics

Dr. Michael R. HAYDEN
1 May 1990

Molecular basis of human lipoprotein lipase deficiency.

201 MACAULAY, Colin G.
B.Sc. Alberta 1983
Ph.D. Alberta 1990

Department of Biology, B-022
University of California at San Diego
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La Jolla, California 92093-0322
U.S.A.

Nuclear Transport
Protein Targetting

Dr. Douglass J. FORBES
1 February 1990

Reconstitution and study of normal and biochemically altered nuclear pores.

202 MACDONALD, P. Hugh
B.Sc. Queen's 1980
M.D. Queen's 1984
F.R.C.S.C. General Surgery 1989

Department of Gastroenterology
Queen's University
Kingston, Ontario
K7L 3N6

Splanchnic Circulation
Ischemic Colitis

Dr. Ivan T. BECK
1 July 1989

Studies on the pathophysiology of non-occlusive ischemic colitis (NOIC).

203 MACKAY, Robert A.
D.M.D. British Columbia 1979

Department of Oral Biology
Faculty of Dentistry
University of British Columbia
2199 Wesbrook Mall
Vancouver, British Columbia
V6T 1Z7

Developmental Oral Biology

Dr. Joseph TONZETICH
1 July 1986

Immunofluorescent and immunocytochemical study of B. gingivalis vesicles on oral mucosa.

204 MACKIE, Jane E.
B.Sc.(Hons) Queen's 1985
Ph.D. Queen's 1990

Department of Oncology
Faculty of Medicine
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Queen's University
Kingston, Ontario
K7L 3N6

Molecular Biology
Cancer Research

Dr. Susan P.C. COLE
Dr. Roger G. DEELEY
1 December 1990

Role of GSH-S-transferase in drug resistance.

205 MACNAUGHTON, Wallace K.
B.Sc. Queen's 1984
M.Sc. Queen's 1986
Ph.D. Queen's 1988

Gastrointestinal Research Group
University of Calgary
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3330 Hospital Drive N.W.
Calgary, Alberta
T2N 1N4

Gastrointestinal Physiology
Inflammatory Mediator Pharmacology

Dr. R. Kent HARDING
Dr. Anthony KRANTIS
1 May 1989

Cellular mechanisms of intestinal transport in inflammation.

206 MALKIN, David
M.D. Toronto 1984
F.R.C.P.C. Pediatrics 1988
F.R.C.P.C. Hematology 1989

Massachusetts General Hospital
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13th Street
Charlestown, Massachusetts 02129
U.S.A.

Molecular Oncology

Dr. Stephen H. FRIEND
1 July 1989

Identification of germ line p53 mutations in non-Li-Fraumeni syndrome cancer families.

207 MALO, Danielle
D.V.M. Montréal 1980
M.Sc. Montréal 1981
Ph.D. McGill 1989

Division of Clinical Immunology and Allergy
Montreal General Hospital
1650 Cedar Avenue
Montreal, Quebec
H3A 1A4

Immunogénétique
Biologie moléculaire

Dr Emil SKAMENE
1er avril 1984

Genetic and physical mapping of the bcg locus.

208 MANA, Michael J.
B.Sc. Washington State 1982
M.A. British Columbia 1986
Ph.D. British Columbia 1990

Department of Behavioural Neurosciences
University of Pittsburgh
465 Crawford Hall
Pittsburgh, Pennsylvania 15260
U.S.A.

Behavioural Neuroscience

Dr. Theodore W. BERGER
1 October 1990

Effects of stress on noradrenergic modulation of hippocampal function.

209 MANGALAM, Harry J.
B.Sc.(Hons) British Columbia 1980
M.Sc. British Columbia 1985
Ph.D. California (San Diego) 1989

Molecular Neurobiology Laboratory
The Salk Institute, MNL-South
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Developmental Neurobiology

Dr. John B. THOMAS
1 August 1990

Gene regulation during drosophila neuronal development.

210 MANNING, Patrick J.
M.B., B.Ch. National University of Ireland, Dublin 1979

McMaster University
Department of Medicine
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Asthma

Dr. Paul M. O'BYRNE
1 July 1989

Mechanisms of airway hyperresponsiveness and the role of inhibitory mediators. in the control of airway function in asthma.

211 MANOLSON, Morris F.
B.Sc. (Distinction) McGill 1981
Ph.D. McGill 1988

Department of Biological Sciences
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Molecular Biology
Membrane Proteins

Dr. Elizabeth W. JONES
1 August 1988

Genetic analysis of the formation and function of the yeast vacuole.

212 MARETTE, André
B.Sc. Québec à Montréal 1985
M.Sc. Montréal 1987
Ph.D. Laval 1990

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Cellular and Molecular Physiology
Diabetes

Dr. Mladen VRANIC
Dr. Amira KLIP

15 September 1990

Effects of diabetes on the rat skeletal muscle and liver glucose transport systems.

213 MARLEAU, Sylvie
B.Pharm Montréal 1983
M.Sc. Montréal 1986
Ph.D. Montréal 1990

Unité de recherche en inflammation et immunologie-rhumatologie
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2705, boulevard Laurier, Pièce 9800
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Inflammation
Rhumatologie

D^{r} Pierre BORGEAT
15 septembre 1990

Activation de la 5-lip oxygenase du neutrophile par la luecotriène B_4.

214 MARSDEN, Philip A.
M.D. Western Ontario 1982

Department of Medicine
Brigham and Women's Hospital
Harvard Medical School
Renal Division / BSRB 1028
75 Francis Street
Boston, Massachusetts 02115
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Atrial Natriuretic Peptide
Nephrology

Dr. Barry M. BRENNER
1 July 1987

Mechanisms of atrial natriuretic peptide action in glomerular mesangial cells.

215 MARTIN, Douglas S.
B.Sc.(Hons) Carleton 1980
Ph.D. Saskatchewan 1988

Department of Pharmacology
University of Texas
Health Sciences Centre

Salt Dependent Hypertension

7703 Floyd Curl Drive
San Antonio, Texas 78284-7764
U.S.A.

Dr. Joseph R. HAYWOOD
1 September 1988

Role of GABA in the tonic control of sympathetic outflow from the forebrain.

216 MARTIN, Jean-René
D.M.V. Montréal 1984

Laboratoire de Génétique Cellulaire
Bâtiment de Biologie Moléculaire
Institut Pasteur,
25 rue du D[r] Roux
75724 Paris Cedex 15
France

Neurophysiologie
Génétique fondamentale

D[r] Roger OLLO
1[er] septembre 1986

Mutagenèse et clonage de gènes altérant la morphologie de l'embryon.

217 MARTIN, Montgomery A.
M.D. Toronto 1983

Department of Physiology
University of Toronto
1 King's College Circle
Toronto, Ontario
M5S 1A8

Neurobiology
Spectroscopy

Dr. William G. TATTON
1 July 1986

Magnetic resonance imaging of cytoarchitectural changes in dopaminergic cell populations.

218 MARTINEAU, Daniel J.
D.V.M. Montréal 1976
M.Sc. Montréal 1987

Department of Avian and Aquatic
Animal Medicine
New York State College of
Veterinary Medicine
Cornell University
Ithaca, New York 14853-6401
U.S.A.

Pathogenesis of
Fish Neoplasia

Dr. Paul R. BOWSER
1 September 1987

Retroviral etiology of a tumor of walleye dermal sarcoma.

219 MARTINEAU, Lucie
B.Sc. Laval 1983
M.Sc. Laval 1986
Ph.D. Toronto 1990

Department of Physiological Sciences
Stopford Building, Oxford Road
University of Manchester
Manchester M13 9PT
England

Physiology
Energy Balance

Dr. Nancy J. ROTHWELL
1 April 1990

Mechanisms of hypermetabolism.

220 MASON, Michael J.
B.Sc. Ottawa 1980
M.Sc. Ottawa 1984
Ph.D. Bristol (England) 1986

Department of Cell Biology
Research Institute
The Hospital for Sick Children
555 University Avenue, Room 9107B
Toronto, Ontario
M5G 1X8

Intracellular pH
and Skeletal Muscle
Performance

Dr. Sergio GRINSTEIN
1 April 1988

Transmembrane Ca^{+2} pathways in T-lymphocytes.

221 MATSUYAMA, Toshifumi
M.D. Nagasaki (Japan) 1976
Ph.D. Yamaguchi (Japan) 1989

The Ontario Cancer Institute
Division of Biological Research
500 Sherbourne Street
Toronto, Ontario
M4X 1K9

Immunology
Virology/HIV

Dr. Tak W. MAK
1 April 1990

Screening of mutant tat cDNA library for trans-dominant repressors (TDRs) by
HIV-LTR-tk / Granciclovir assay.

222 MAZER, Bruce D.
B.A. (Distinction) Jewish Theological
Seminary of America (New York) 1980
B.Sc. (cum laude) Columbia 1980
M.D., C.M. McGill 1984

Department of Pediatrics
National Jewish Centre for
Immunology Respiratory Medicine
1400 Jackson Street
Denver, Colorado 80206
U.S.A.

Pediatrics
Immunology

Dr. Erwin W. GELFAND
1 July 1988

Activation of B-lymphocytes by platelet activating factor.

223 MCCORMACK, James P.
B.Sc. British Columbia 1979
Pharm.D. Medical University of South Carolina 1986

Department of Clinical Pharmacology
St. Paul's Hospital
1081 Burrard Street
Vancouver, British Columbia
V6Z 1Y6

Clinical Pharmacology

Dr. Robert F. RANGNO
1st September 1989

Jointly-sponsored Fellowship with the Pharmaceutical Manufacturers' Association of Canada-Health Research Foundation
Trial of oral morphine in the treatment of actue postsurgical pain.

224 MCGAVIN, Martin J.
B.Sc. Guelph 1985
Ph.D. Guelph 1989

Department of Biochemistry
University of Alabama at Birmingham
Schools of Medicine/Dentistry
Birmingham, Alabama 35294
U.S.A.

Molecular Mechanisms of Microbial Adhesion

Dr. Magnus HOOK
15 May 1990

Molecular mechanisms of microbial adhesion to fibronectin.

225 MEGYESI, Joseph F.
B.Sc.(Hons) Western Ontario 1981
M.D. Western Ontario 1985
M.Sc. Western Ontario 1988

Children's Hospital Medical Centre
300 Longwood Avenue
Boston, Massachusetts 02115
U.S.A.

Angiogenesis
Tumour Inhibition

Dr. Moses J. FOLKMAN
1 August 1989

Mechanism of onset of angiogenic activity during progression to neoplasia.

226 MEIJ, Johanna T.A.
B.Sc. Catholic University Nijmegen (The Netherlands) 1980
M.Sc. Catholic University Nijmegen 1985
Ph.D. Erasmus (The Netherlands) 1989

Laboratory of Membrane Biology
Division of Cardiovascular Sciences
St. Boniface General Hospital Research Centre
351 Tache Avenue
Winnipeg, Manitoba
R2H 2A6

Cardiac Membrance Phospholipids

Dr. Vincenzo PANAGIA
1 July 1990

Characteristics of phospholipase D activity in heart.

227 MELOCHE, Sylvain
B.Pharm Montréal 1982
M.Sc. Montréal 1984
Ph.D. Montréal 1988

c/o Dr Jacques Pouysségur
Directeur, Centre de biochimie du CNRS
Faculté de sciences, Université de Nice
Parc Valrose
06034 Nice Cedex
France

Biologie moléculaire

Dr Jacques POUYSSÉGUR
15 décembre 1988

Voies de transduction de la réponse mitogénique: le cas de la thrombine.

228 MÉNARD, Luc
B.Sc. Sherbrooke 1982
Ph.D. Sherbrooke 1988

Department of Medicine
Duke University Medical Centre
Durham, North Carolina 27710
U.S.A.

Immunologie
Rhumatologie

Dr. Ralph SNYDERMAN
1er juillet 1988

Études de la régulation de la 5-lipoxygénase (5-LO) lors de la synthèse des leucotriènes (LTs) dans les leucocytes humains.

229 MENDELSON, Julie
B.Sc. Toronto 1979
Ph.D. Dalhousie 1987

Department of Psychology
Faculty of Arts
York University
North York, Ontario
M3J 1P3

Somatosensory Neurophysiology

Dr. Stuart ANSTIS
1 June 1988

Functional organization of auditory cortex following hearing loss from birth.

230 MIDHA, Rajiv
M.D. Toronto 1987

c/o Dr. Alan R. Hudson
Toronto Hospital
Bell Wing 1-636
585 University Avenue

Peripheral Nerve Surgery

Dr. Susan E. MACKINNON

Toronto, Ontario
M5G 2C4

Dr. Alan R. HUDSON
1 July 1990

The study of nerve regeneration across a nerve allograft.

231 NIKKELSEN, Tommy
B.Sc. Alberta 1980
M.D. Calgary 1983

Ludwig Institute for Cancer Research
9500 Gilman Drive
La Jolla, California 92093-0660
U.S.A.

Molecular Genetics
Oncology

Dr. Webster K. CAVENEE
1 July 1989

Molecular analysis of malignant progression in glioma.

232 MILNE, Jacqueline L.
B.Sc. British Columbia 1984
Ph.D. York University (North York, Ontario) 1990

Dept of Biological Chemistry
Johns Hopkins School of Medicine
725 N. Wolfe Street
Baltimore, Maryland 21205-2185
U.S.A.

Dr. Peter N. DEVREOTES
1 February 1991

233 MITCHELL, Jane A.
B.Sc. Concordia 1976
Ph.D. McGill 1990

Department of Pharmacology
Sterling Hall of Medicine
Yale University School of Medicine
333 Cedar Street
New Haven, Connecticut 06510-8066
U.S.A.

Pharmacology
Endocrinology

Dr. John K. NORTHUP
Dr. Howard RASMUSSEN
1 December 1989

Identification of the G protein(s) responsible for the coupling of cell surface receptors to the breakdown of polyphosphoinositides (phospholipase c)

234 MOLINA, Thierry J.
M.D. Paris V 1984

Division of Biological Research
The Ontario Cancer Institute
500 Sherbourne Street
Toronto, Ontario
M4X 1K9

Molecular Biology
Immunology
Oncology

Dr. Tak W. MAK
1 October 1990

Investigation du rôle de la protéine «LCK» dans la maturation thymique des lymphocytes et lors de la réponse immunitaire par mutation ciblée du gène «LCK».

235 MONTGOMERY, Jane A.
B.Sc. McGill 1974
M.Sc. McGill 1982
Ph.D. McGill 1988

c/o Dr. H. Brunengraber
Research Centre, M-5210
Notre-Dame Hospital
1560 Sherbrooke Street East
Montreal, Quebec
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Intermediary Metabolism
Nutrition

Dr. Henri BRUNENGRABER
1 July 1988

(i) Metabolism of isomers of 2,3-butanediol; (ii) acetone metabolism.

236 MORASH, Sherry C.
B.Sc. Mount St. Vincent (Halifax) 1975
Ph.D. Dalhousie 1989

Department of Biochemistry
Room 212 MS1A
Duke University Medical Centre
Durham, North Carolina 27710
U.S.A.

Regulation of Lipid Metabolism

Dr. Robert M. BELL
1 July 1990

Regulation of eukaryotic lipid metabolism.

237 MORASSUTTI, Dante J.
B.Sc.(Hons) Toronto 1979
M.D. Toronto 1983

Department of Medicine
Faculty of Health Sciences
University of Ottawa
451 Smyth Road
Ottawa, Ontario
K1H 8M5

Neurobiology
Oncology

Dr. Michael W. MCBURNEY
1 July 1988

Neurotransmitter plasticity of embryonal carcinoma derived neurons.

238 MORLEY, Paul A.
B.Sc.(Hons) Waterloo 1983
M.Sc. Western Ontario 1985
Ph.D. Western Ontario 1990

Reproductive Biology Unit
The Loeb Institute for Medical Research
Ottawa Civic Hospital
1053 Carling Avenue

Reproductive Physiology

Dr. Benjamin K.-Y. TSANG

		Ottawa, Ontario K1Y 4E9	1 April 1990

Signal transduction mechanism during granulosa cell differentiation.

239	MORTARI, Frank B.Sc.(Hons) Western Ontario 1980 Ph.D. Western Ontario 1989	Cellular Immunology Unit University of Alabama at Birmingham UAB Station 263 Wallace Tumor Institute Birmingham, Alabama 35294 U.S.A.	Immunoglobulin Genes Dr. Max Dale COOPER Dr. Harry S. SCHROEDER 1 January 1990

Development of humam V_H repertoire.

240	MORTON, Katherine B.A. Tennessee 1978 Ph.D. Loyola 1989	Toronto General Hospital 200 Elizabeth Street Eaton North 6-240 Toronto, Ontario M5G 2C4	Reproductive Neuroendocrinology Steroid Dr. Neil J. MACLUSKY 15 July 1989

Stress and neuroendocrine control of appetite and reproduction.

241	MOSES, Ruth M. B.Sc.(Hons) Toronto 1970 M.D. Toronto 1973 M.Sc. Toronto 1988	Department of Zoology University of Toronto 25 Harbord Street Toronto, Ontario M5S 1A1	Cell Cycle Control Dr. Yoshio MASUI 1 April 1990

Control of cell cycles in mammalian oocytes during fertilization.

242	MUIR, Gillian D. D.V.M. Saskatchewan 1988	Department of Zoology University of British Columbia 6270 University Boulevard Vancouver, British Columbia V6T 2A9	Kinesiology Dr. John D. STEEVES 1 July 1989

Biokinematic study of ekine locomotion.

243	MUNOZ, Douglas P. B.Sc.(Hons) McGill 1982 Ph.D. McGill 1988	Laboratory of Sensorimotor Research National Eye Institute National Institutes of Health Bldg, 10, Rm. 10C101 Bethesda, Maryland 20892 U.S.A.	Systems Neurophysiology Oculomotor Control Dr. Robert H. WURTZ 1 April 1990

Role of the primate superior colliculus in the control of saccadic eye movements.

244	MURPHY, Brian J. B.Sc. Toronto 1982 M.Sc. Toronto 1985 Ph.D. Toronto 1990	Department of Pharmacology University of Washington SJ-30 Seattle, Washington 98195 U.S.A.	Molecular Neurobiology Dr. William A. CATTERALL 1 July 1990

Molecular mechanisms of sodium channel gating.

245	NABI, Ivan R. B.Sc. McGill 1983 Ph.D. Weizmann Institute of Science (Rehovot, Israel) 1989	Department of Cell Biology and Anatomy Cornell University Medical College 1300 York Avenue New York, New York 10021 U.S.A.	Epithelial Polarity Protein Sorting Dr. Enrique RODRIGUEZ-BOULAN 15 July 1990

Transformation and the loss of epithelial polarity

246	NGSEE, Johnny K. B.Sc. British Columbia 1976 M.Sc. British Columbia 1979	Department of Molecular and Cellular Physiology B100 Beckman Center	Molecular Neurobioloby

Ph.D. British Columbia 1987

Stanford University
Stanford, California 94305-5426
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Dr. Richard H. SCHELLER
1 November 1989

GTP binding (G) proteins in neurones.

247 NGUYEN, Tien-Tue
B.Sc. Montréal 1982
M.Sc. Montréal 1985
Ph.D. Montréal 1990

c/o Dr. E. Van Obberghen
INSERM, Unité 145
Faculté de médecine
Université de Nice
Avenue de Valombrose
06034 Nice Cedex
France

Dr E. VAN OBBERGHEN
1er juillet 1990

Analyse moléculaire du mécanisme d'action des récepteurs de l'insuline, de l'IGF-I et de l'EGF.

248 NICKEL, Barbara E.
B.Sc.(Hons) Manitoba 1975
M.Sc. Manitoba 1982
Ph.D. Manitoba 1988

Department of Physiology
University of Manitoba
770 Bannatyne Avenue
Winnipeg, Manitoba
R3E 0W3

Molecular Biology
Physiology

Dr. Peter A. CATTINI
1 July 1988

Differential and tissue-specific expression of placental growth hormone genes.

249 NICKEL, Jeffrey C.
D.M.D. Manitoba 1981
M.Sc. Manitoba 1987
M.R.C.D.C. Orthodontics 1987

Preventive Dental Science
Faculty of Dentistry
University of Manitoba
780 Bannatyne Avenue
Winnipeg, Manitoba
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Craniofacial Biology
Neurophysiology

Dr. Kenneth R. MCLACHLAN
1 September 1989

Mechanical stress in development and degeneration of the human temporomandibular joint.

250 NICOLLE, Michael W.
M.D. (cum laude) Western Ontario 1985

Neuroscience Group
Institute of Molecular Medicine
John Radcliffe Hospital
Headington
Oxford OX3 9DV
England

Myasthenia Gravis
Immunology

Dr. Angela VINCENT
1 January 1991

Cellular processing of human acetylcholine receptor in myasthenia gravis.

251 NOEL, Gilles
B.Sc. Montréal 1982
M.Sc. Montréal 1985
Ph.D. Montréal 1989

c/o Dr. Jean-Pierre JULIEN
Center for Research in Neuroscience
The Montreal General Hospital
Research Institute
1650 Cedar Avenue
Montreal, Quebec
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Neuropeptides
Processing Enzymes

Dr Jean-Pierre JULIEN
15 février 1989

Developmental regulation of pro-ACTH\endorphin or proopiomelanocortin processing by rat anterior pituitary cells.

252 NOVAS-SCHMIDT, Maria L.
B.Sc. National Institute "Languas Vivas" 1976
M.D. Buenos Aires (Argentina) 1983
Ph.D. Buenos Aires 1987

Department of Pharmacology
Faculty of Health Sciences
University of Ottawa
451 Smyth Road
Ottawa, Ontario
K1H 8M5

Dr. José-Maria TRIFARO
1 September 1988

Role of calmodulin and calmodulin binding proteins in the secretory process.

253 O'CONNOR, Timothy P.
B.Sc. Toronto 1983
Ph.D. Toronto 1988

Department of Molecular
and Cell Biology
295 Life Sciences Addition
University of California at Berkeley
Berkeley, California 94720

Cell Biology
Neuroscience

Dr. David R. BENTLEY
1 June 1988

U.S.A.

Cellular and molecular mechanisms underlying neuronal pathfinding in vivo.

254 OHASHI, Pamela S.
B.Sc.(Hons) York 1982
Ph.D. Toronto 1988

Institut für Pathologie
Abteilung für Experimentelle Pathologie
Universitätsspital
Sternwartstrasse
Zürich 2-8091
Switzerland

Immunology

Dr. Rolf M. ZINKERNAGEL
1 October 1988

Peripheral tolerance induction in double transgenic mice.

255 OLIVIER, Martin
B.Sc. Montréal 1981
M.Sc. Montréal 1984
Ph.D. McGill 1988

Department of Medicine
Vancouver General Hospital
2733 Heather Street
Room 452, D. Floor
Vancouver, British Columbia
V5Z 1M9

Immunology
Biochemistry

Dr. Neil E. REINER
15 août 1988

Signal transduction pathways in human monocytes infected with Leishmania.

256 OPLETA-MADSEN, Karen L.
B.Sc.(Hons) Manitoba 1977
M.Sc. Manitoba 1985
Ph.D. Calgary 1990

Division of Gastroenterology
University of Alberta
519 Robert Newton Bldg
Edmonton, Alberta
T6G 2C2

Gastroenterology

Dr. Richard N. FEDORAK
1 June 1990

Na,K-ATPase alpha isoform expression in small intestine.

257 ORSER, Beverley A.
M.D. Queen's 1981
F.R.C.P.C. Anesthesia 1987

Playfair Neurosciences Unit
11-417 McLauglin Pavilion
Toronto Western Hospital
399 Bathurst Street
Toronto, Ontario
M5T 2S8

Membrane Physiology

Dr. John F. MACDONALD
1 July 1990

Ion transport in alveolar epithelium.

258 OTULAKOWSKI, L. Gail
B.Sc. Guelph 1982
Ph.D. Toronto 1988

Division of Endocrinology
Research Institute
The Hospital for Sick Children
555 University Avenue
Toronto, Ontario
M5G 1X8

Molecular Biology
Development/
Endocrinology

Dr Vincent GIGUERE
1 October 1989

Molecular biology of the retinoic acid receptor gene family.

259 PADMORE, Ruth F.
M.D. Dalhousie 1980

Fairchild Building, Box 74
7 Divinity Avenue
Harvard University
Cambridge, Massachusetts 02138
U.S.A.

Dr. Nancy KLECKNER
1 April 1989

isolation and characterization of synaptonemal complexes in saccharomyces cerevisiae.

260 PARADIS, Jean
M.D. Montréal 1984
F.R.C.P.C. médecine interne 1988
F.R.C.P.C. allergie/immunologie 1989

McGill Cancer Centre
McGill University
3655 Drummond Street
Montreal, Quebec
H3G 1Y6

Immunologie
Diabète

Dr. Abraham FUKS
1er juillet 1989

Characterization of the islet cell target antigen in the BB rat.

261 PARÉ, Denis
B.Sc. Montréal 1984
M.Sc. Laval 1986

c/o Dr. R. Llinas
Department of Physiology and Biophysics
New York University Medical Centre

Electrophysiology
Sleep

Ph.D. Laval 1990

550 First Avenue
New York, New York 10016
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Dr. Rodolpho LLINAS
1er mars 1990

Cellular mechanisms underlying the genesis of PGO- waves in the whole brainstem in vitro.

262 PARKER, John D.
B.A.(Hons) Queen's 1980
M.D. Queen's 1984

Department of Cardiology - L2
Brigham and Women's Hospital
75 Francis Street
Boston, Massachusetts 02115
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Cardiology

Dr. Wilson S. COLUCCI
1 July 1988

Autonomic control of ventricular function: pharmacologic insights.

263 PARKER, Thomas G.
M.D. Western Ontario 1983
F.R.C.P.C. Internal Medicine 1987
F.R.C.P.C. Cardiology 1988

Molecular Cardiology Unit
Baylor College of Medicine
1 Baylor Plaza - Room 506C
Houston, Texas 77030
U.S.A.

Cardiac Growth and Hypertrophy

Dr. Robert ROBERTS
1 July 1988

Role of peptide growth factors and proto-oncogenes in cardiac gene expression and hypertrophy.

264 PARKIN, Neil T.
B.Sc.(Hons) McGill 1985
Ph.D. McGill 1990

Department of Microbiology and Immunology
University of California, San Francisco
School of Medicine
3rd and Parnessus Avenue
San Francisco, California 94143-0502
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HIV Frameshifting Retroviruses

Dr. Harold E. VARMUS
15 February 1990

1. Retrovirus gene expression; 2. wnt-1 mammary oncogene; 3. HIV frameshifting in vivo.

265 PARKINSON, Fiona E.
B.Sc. Alberta 1982
Ph.D. Alberta 1989

Department of Biochemistry
University of Alberta
4-74 Medical Sciences Building
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Cerebral Ischemia

Dr. Carol E. CASS
1st September 1989
Maternity Leave: 01.09.91-30.11.91

Jointly-sponsored Fellowship with Ciba-Geigy Canada Ltd. of Mississauga
Regulation of adenosine functions by glial cells.

266 PARPIA, Salvinaz H.
B.Sc. British Columbia 1985
Pharm.D State University of New York (Buffalo) 1988

Department of Pharmaceutics
State University of New York at Buffalo
527 Hochstetter Hall
Buffalo, New York 14260
U.S.A.

Hepatic Clearance of Drugs
Pharmacokinetics

Dr. Marilyn E. MORRIS
15 September 1988

Renal sulfate homeostasis during pregnancy and disease states.

267 PASLOSKE, Brittan L.
B.Sc.(High Hons) Saskatchewan 1983
Ph.D. Alberta 1989

Laboratory of Infectious Diseases
DNAX Research Institute of Molecular and Cellular Biology
901 California Avenue
Palo Alto, California 94304-1104
U.S.A.

Molecular Studies of Virulence Factors
Malaria

Dr. Russell J. HOWARD
1 September 1989

Cloning and characterization of the Plasmodium Knowlesi variant antigen on infected erythrocytes.

268 PAUL, Terri L.
B.Sc.(Hons) Western Ontario 1975
M.Sc. Western Ontario 1978
M.D. Ottawa 1982

c/o Dr. Calvin Stiller
Multi-Organ Transplant Service
University Hospital
P.O. Box 5339, Station A
London, Ontario
N6A 5A5

Immunopathology of Autoimmune Diabetes

Dr. Calvin R. STILLER
Dr. John DUPRE
1 July 1988

Immunotherapy and islet transplantation in insulin-dependent diabetes mellitus.

269 PELLETIER, Jerry M.
B.Sc.(Hons) McGill 1988
Ph.D. McGill 1988

Centre for Cancer Research
Massachusetts Institute of Technology
40 Ames Street
E17-536
Cambridge, Massachusetts 02139
U.S.A.

Eukaryotic Transcription Factors

Dr. David HOUSMAN
15 October 1988

Characterization and functional studies of the murine Wilms' tumor gene.

270 PELLETIER, Nicolas
D.M.V. Montréal 1983
M.Sc. Montréal 1987

Department of Clinical Sciences
College of Veterinary Medicine
Kansas State University
Manhattan, Kansas 66506
U.S.A.

Physiologie de l'exercice équine

Dr. David E. LEITH
1 September 1987

Mechanisms of pulmonary artery "hypertension" during exercise in normal horses.

271 PERREAULT, Jean-Pierre
B.Sc. Montréal 1986
M.Sc. Montréal 1988
Ph.D. Montréal 1990

Department of Biology
Yale University
Kline Biology Tower
P.O. Box 6666
New Haven, Connecticut 06511-8112
U.S.A.

Biologie moléculaire
Biochimie

D.r Sidney ALTMAN
1er novembre 1990

Inactivation of RNA by RNase P.

272 PERRY, Marc D.
A.B. California (Berkeley) 1981
Ph.D. Toronto 1988

Dept. of Molecular, Cellular and Developmental Biology
University of Colorado
Porter Biosciences Bldg., Campus Box 347
Boulder, Colorado 80309
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Developmental Biology

Dr. William Barry WOOD
15 June 1988

Characterization of genes that alter embryonic determination in C. elegans.

273 PEWARCHUK, Willie J.
B.Med.Sc. (Distinction) Alberta 1982
M.D. (Distinction) Alberta 1984
F.R.C.P.C. General Medicine 1989
F.R.C.P.C. Hematology 1990

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University of British Columbia
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Hematology
Hemophilia

Dr. Ross T.A. MACGILLIVRAY
1 August 1990

Molecular analysis of hemophilia B in Western Canada.

274 PHIPPS, Barry M.
B.Sc. Victoria 1979
Ph.D. Victoria 1988

Max-Planck Institut für Biochemie
Am Klopferspitz 18a
Martinsried bei München
München D-8033
Federal Republic of Germany

Biophysics

Dr. Wolfgang BAUMEISTER
1 May 1988

Three-dimensional structure analysis of Aeromonas salmonicida s-layer.

275 PICCARDO, C. Pedro
M.D. Buenos Aires (Argentina) 1979

Department of Pharmacology and Therapeutics
McIntyre Medical Sciences Building
McGill University
3655 Drummond Street
Montreal, Quebec
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Neuropathology
Hybridoma Technology

Dr. A. Claudio G. CUELLO
1 September 1990

Early cell death markers in neurological degenerative disorders.

276 PICHORA-FULLER, Margaret K.
B.A. Toronto 1977

School of Audiology and Speech Sciences
Faculty of Medicine

Audiology
Developmental Psychology

M.Sc. British Columbia 1980
Ph.D. Toronto 1991

James Mather Building, 5804 Fairview Ave.
University of British Columbia
Vancouver, British Columbia
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Dr. Judith R. JOHNSTON
1 March 1991

Communication function in the hearing-impaired elderly.

277 PIEDBOEUF, Bruno
M.D. Montréal 1985
F.R.C.P.C. Pediatrics 1989

Division of Neonatology
Department of Paediatrics
University of Rochester Medical Centre
601 Elmwood Avenue, Box 777
Rochester, New York 14642
U.S.A.

Perinatal Pulmonary Physiology

Dr. Dale PHELPS
Dr. Stuart HOROWITZ
1 July 1990

Glucocorticoids and growth factors in lung development.

278 PIKE, G. Bruce
B.Eng. Memorial 1984
M.Eng. McGill 1986
Ph.D. McGill 1990

c/o Dr. Gary H. Glover
Department of Diagnostic Radiology and Nuclear Medicine
Stanford University School of Medicine
Stanford, California 94305-5105
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Biomedical Engineering

Dr. Gary H. GLOVER
15 October 1990

Investigation of rapid magnetic resonance imaging techniques for cardiac and blood flow imaging.

279 PIND, Steven N.
B.Sc.(1st Class Hons) Queen's 1982
Ph.D. Toronto 1989

Department of Molecular Biology, Immunology
Scripps Clinic and Research Foundation
Research Institute
10666 North Torrey Pines Road
La Jolla, California 92037
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Molecular and Cell Biology

Dr. William E. BALCH
15 September 1989

Identification and characterization of the mitochondrial protein import apparatus.

280 PLANTE, Claire
D.M.V. Montréal 1982
M.Sc. Montréal 1984
Ph.D. Florida 1989

Department of Pathology
Ontario Veterinary College
University of Guelph
Guelph, Ontario
N1G 2W1

Veterinary Pathology

Dr. Richard B. MILLER
1 September 1989

Investigations into the pathogenesis of ureaplasma induced embryonic death.

281 POULIN, Richard
B.Sc. Laval 1981
M.Sc. Laval 1984
Ph.D. Laval 1988

Department of Cellular and Molecular Physiology
The Milton S. Hershey Medical Centre
Pennsylvania State University
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Hershey, Pennsylvania 17033
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Biochemistry

Dr. Anthony E. PEGG
1er août 1988

Molecular characterization and ionic regulation fo ornithine decarboxylase.

282 PREIKSATIS, Harold
B.Sc. McMaster 1976
Ph.D. McGill 1983
M.D., C.M. McGill 1983
F.R.C.P.C. Internal Medicine 1987
F.R.C.P.C. Gastroenterology 1989

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Gastric Smooth Muscle Function

Dr. Nicholas E. DIAMANT
1st July 1989

Jointly-sponsored Fellowship with I.C.I. Pharma Canada of Mississauga
Myogenic mechanism of peristalsis in the esophagus of the cat.

283 QIU, Rong
B.M. Hunan (China) 1984

Banting and Best Department of Medical Research

Molecular Biology
Genetics

M.Sc. Hunan 1987

Charles H. Best Institute, Room 213
University of Toronto
112 College Street
Toronto, Ontario
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Dr. Bernard P. SCHIMMER
1 September 1990

Genetic analysis of forskolin-activated adenlyly cyclase.

284 QUAN, Franklin
B.Sc. Toronto 1979
Ph.D. Toronto 1986

Vollum Institute for Advanced Biomedical Research
Oregon Health Sciences University
3181 S.W. Sam Jackson Park Road
Portland, Oregon 97201-3098
U.S.A.

Genetics

Dr. Michael A. FORTE
1 July 1988

G protein mediated signal transduction in Drosophila melanogaster.

285 RADOUX, Victor
M.D. McGill 1978

Department of Biochemistry and Molecular Biology
Harvard University
7 Divinity Avenue
Boston, Massachusetts 02138
U.S.A.

Molecular Genetics

Dr. Jack L. STROMINGER
1 July 1988

Molecular genetic analysis of MHC and T cell receptor usage in sarcoidosis.

286 RAMIREZ, Jan-Marino
M.Sc. Regensburg (Federal Republic of Germany) 1983
Ph.D. Regensburg 1986

Department of Physiology
University of Alberta
7-55 Medical Sciences Building
Edmonton, Alberta
T6G 2H7

Neuronal Mechanisms of Behaviour

Dr. Keir G. PEARSON
1 July 1988

Neuronal mechanisms for hormonal regulation of rhythmic behaviour.

287 RANCOURT, Derrick E.
B.Sc.(Hons) Guelph 1983
Ph.D. Queen's 1989

c/o Dr. Mario Capecchi
Department of Biology
University of Utah
Salt Lake City, Utah 84112
U.S.A.

Molecular Biology
Genetics

Dr. Mario R. CAPECCHI
1 June 1989

Targeting germline mutations in the murine retinoid pathway.

288 READ, Ronald
B.Sc. Calgary 1978
Ph.D. Calgary 1983
M.D. Calgary 1986
F.R.C.P.C. Internal Medicine 1990

Department of Microbiology and Immunology
Oregon Health Sciences University
3181 S.W. Sam Jackson Park Road
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Portland, Oregon 97201
U.S.A.

Molecular Biology
Pathogenesis of Bacterial Infections

Dr. Jorge CROSA
1 January 1991

Molecular analysis of iron uptake as a virulence factor in invasive enteric bacteria.

289 RESETKOVA, Erika
M.D. Comenius (Bratislava, Czechoslovakia) 1984

c/o Professor Robert VOLPE
Endocrinology Research Lab.
Wellesley Hospital
160 Wellesley Street East
Toronto, Ontario
M4Y 1J3

Immunology of Autoimmune Thyroid Disease

Dr. Robert VOLPE
1 July 1990

Immunological aspects of thyroid disease.

290 RIDDICK, David S.
B.Sc.(Hons) Windsor 1986
Ph.D. Queen's 1990

Department of Pharmacology
Medical Sciences Building
University of Toronto
1 King's College Circle
Toronto, Ontario
M5S 1A8

Pharmacology and Toxicology

Dr. Allan B. OKEY
1 September 1990

Determinants of efficacy in Ah receptor-mediated responses.

291 RIDSDALE, J. Andrew
B.Sc. Lakehead 1979
Ph.D. Manitoba 1990
Ph.D. Manitoba 1989

College of Engineering
School of Applied and Engineering Physics
Cornell University
223 Clark Hall
Ithaca, New York 14853-2501
U.S.A.

Tumour Metabolism

Dr. Watt W. WEBB
1 January 1991

An analysis of "soluble proteins" in normal and virus-transformed mammalian cells.

292 RIVEST, Serge
B.Sc. Sherbrooke 1985
M.Sc. Montréal 1987
Ph.D. Laval 1990

c/o Dr. Catherine Rivier
The Salk Institute
The Clayton Foundation
Laboratories for Peptide Biology
P.O. Box 85800
San Diego, California 92186
U.S.A.

Neuroendocrinologie
Hypogonadisme
Stress

Dr. Catherine L. RIVIER
15 juillet 1990

Les mécanismes d'action hypothalamique de la corticolibérine (CRF) et des opioïdes sur l'inhibitioin de la lulibérine (LHRH) durant le stress.

293 ROBERTSON, George S.
B.Sc.(Hons) Dalhousie 1985
Ph.D. Dalhousie 1989

Division of Neurological Sciences
Department of Psychiatry
University of British Columbia
Vancouver, British Columbia
V6T 1W5

Neuropsychopharmacology
Neurochemistry

Dr. Hans C. FIBIGER
1 September 1989

In vivo neuropharmacology of central dopaminergic neurons.

294 ROBITAILLE, Richard
B.Sc. Laval 1983
M.Sc. Laval 1985
Ph.D. Laval 1989

Department of Physiology
Medical Sciences Building, Room 3232
University of Toronto
8 Taddle Creek Drive
Toronto, Ontario
M5S 1A8

Physiology
Synaptic Transmission

Dr. Milton P. CHARLTON
15 March 1989

Calcium influx and targets in secretion.

295 ROOD, Celia Jane
B.Sc. Toronto 1979
M.D. Toronto 1985

Department of Medicine
Division of Endocrinology & Metabolism
University of Minnesota
Minneapolis, Minnesota 55455
U.S.A.

Dr. Jack Hans OPPENHEIMER
1 August 1990

C-erb A receptor mRNA content in regions of the adult and developing rat brain.

296 ROSEN, Andrei S.
M.D. Institute of Medicine and Pharmacy (Bucharest, Romania) 1981
M.Sc. Queen's 1989

Department of Pharmacology
University of Ottawa
Faculty of Health Sciences
451 Smyth Road
Ottawa, Ontario
K1H 8M5

Neurophysiology
Epilepsy

Dr. Mary E. MORRIS
1 July 1989

Anoxia and ionic mechanisms.

297 ROTIN, Daniela
B.Sc.(Hons) Toronto 1981
M.Sc. Toronto 1982
Ph.D. Toronto 1988

Department of Pharmacology
New York University Medical Center
550 First Avenue
New York, New York 10016
U.S.A.

Membrane Physiology
Molecular Genetics

Dr. Joseph SCHLESSINGER
1 March 1988

Role of epidermal growth factor receptor in signal transduction and mitogenesis.

298 ROTTAPEL, Robert
B.A. Brandeis 1979
M.A. Brandeis 1979
M.D. George Washington 1984

Mount Sinai Hospital Research Institute
Division of Molecular
and Developmental Biology
600 University Avenue, Room 885

Molecular Biology
of Oncogenes

Dr. Alan BERNSTEIN

F.R.C.P.C. Internal Medicine 1988 | Toronto, Ontario M5G 1X5 | 1 July 1989

The molecular biological defects of the c-kit signal transduction pathway.

299 RUBIN, Barry B.
B.Sc. McGill 1982
M.D.,C.M. McGill 1986
Ph.D. Toronto 1991

Department of Surgery
Toronto General Hospital
Room CCRW 1-834
200 Elizabeth Street
Toronto, Ontario
M5G 2C4

Skeletal Muscle Ischemia

Dr. Paul H. WALKER
1 April 1990

Contribution of white blood cells and complement to skeletal ischemia/reperfusion injury.

300 RUIJS, Theodora C.G.
M.D. Utrecht (Netherlands) 1987

c/o Dr. Jack Antel
Neuroimmunology Unit
Montreal Neurological Institute
3801 University Street
Montreal, Quebec
H3A 2B4

Neuroscience
Neuroimmunology

Dr. Jack P. ANTEL
1 July 1989

Human oligodendrocyte response to immune and glial derived factors.

301 SABRY, James H.
M.D. Queen's 1983
M.Sc. California Institute of Technology 1989
F.R.C.P.C. Neurology 1987

School of Medicine
Department of Biochemistry and Biophysics
University of California
San Francisco, California 94143-0448
U.S.A.

Molecular Neurobiology

Dr. Marc W. KIRSCHNER
1 June 1990

Microtubule dynamics in neuronal growth cones.

302 SALTIEL, Philippe
M.D., C.M. McGill 1979
F.R.C.P.C. Neurology 1984

Department of Brain and Cognitive Sciences, E25-526
Massachusetts Institute of Technology
77 Massachusetts Avenue
Cambridge, Massachusetts 02139
U.S.A.

Motor Control
Spinal Cord

Dr. Emilio BIZZI
1 July 1985

The organization of limb motor space in the spinal cord.

303 SAMBHARA, Suryaprakash R.
B.V.Sc. Andhra Pradesh Agricultural University (India) 1977
M.V.Sc. Andhra Pradesh Agricultural University 1980
M.S. Wyoming 1986

Biological Research Division
The Ontario Cancer Institute
500, Sherbourne Street
Toronto, Ontario
M4X 1K9

Immunology
Molecular Biology

Dr. Richard G. MILLER
1 July 1989

Characterization of $CD3^+$ cytolytic effector cells.

304 SCHULZ, Richard
B.Sc. Calgary 1982
Ph.D. Alberta 1989

Wellcome Foundation Ltd.
Wellcome Research Laboratories
Langley Court
South Eden Park Road
Beckenham, Kent BR3 3BS
England

Vascular Pharmacology

Dr. Salvador Moncada
1st July 1989

Industrial Fellowship
Biological role of nitric oxide release: constitutive vs. inducible enzyme pathways.

305 SCHWARTZ, Carol J.E.
B.A. Toronto 1985
Ph.D. Toronto 1990

Department of Biochemistry and Biophysics, School of Medicine
University of California, San Francisco
HSE-1556
San Francisco, California 94143-0554
U.S.A.

Genetics

Dr. Thomas B. KORNBERG
15 August 1990

Protein interactions and developmental gene regulation in Drosophila melanogaster.

306 SEARLES, Gordon E.
O.D. Waterloo 1982
M.D. McMaster 1986
F.R.C.P.C. Internal Medicine 1990

Division of Dermatology and Cutaneous Sciences
University of Alberta
418 Newton Research Bldg.
Edmonton, Alberta
T6G 2C2

Cutaneous Sciences

Dr. Kowichi JIMBOW
1 July 1989

Cellular adhesion molecules on function of normal melanocytes.

307 SEKHON, Harmanjatinder S.
B.Sc. Punjab (India) 1970
M.B., B.S. Magadh Medical College (India) 1980
M.Sc. British Columbia 1987
Ph.D. British Columbia 1991

Department of Academic Pathology
Faculty of Medicine
University of British Columbia
2211 Wesbrook Mall
Vancouver, British Columbia
V6T 1W5

Pulmonary Pathology

Dr. William M. THURLBECK
1 August 1989

The effect of hypobaria and/or hypoxia on lung growth.

308 SELIN, Liisa K.
B.Sc. (1st Class Hons) Dalhousie 1974
M.D. Dalhousie 1979
F.R.C.P.C. Internal Medicine 1984

Rheumatic Disease Unit
Research Laboratory
RR014 Rehabilitation Hospital
800 Sherbrook Street
Winnipeg, Manitoba
R3A 1M4

Cellular Immunology
Autoimmune Disease

Dr. John A. WILKINS
1 July 1986

Regulation of non-major histocompatibility restricted (NR) killer cells.

309 SEOW, Chun Y.
B.Sc. Manitoba 1984
Ph.D. Manitoba 1989

Department of Physiology
University of Chicago
950 East 59th
Chicago, Illinois 60637
U.S.A.

Muscle Mechanics
Myocardial Acidosis

Dr. Lincoln E. FORD
1 July 1989

Molecular mechanisms of metabolites interfering crossbridge cycle.

310 SHARP, Cecil B.
B.Sc. British Columbia 1975
M.Sc. British Columbia 1977
D.M.D. British Columbia 1982
Ph.D. Guelph 1988

Department of Genetics
Stanford University
School of Medicine, Room S373
Stanford, California 94305
U.S.A.

Molecular Genetics
Human Cytogenetics

Dr. Huntington F. WILLARD
1 September 1988

Fine scale mapping and characterization of X isochromosome breakpoints in humans.

311 SHERKER, Averell H.
M.D. Queen's 1982
F.R.C.P.C. Internal Medicine 1987

Division of Infectious Diseases
Stanford University School of Medicine
Stanford, California 94305-5107
U.S.A.

Molecular Biology of Hepadna Viruses

Dr. William S. ROBINSON
1 March 1989

Study of the role of activated oncogenes in human hepatocellular carcinoma.

312 SHEVELL, Michael I.
B.Sc. McGill 1980
M.D., C.M. McGill 1984
F.R.C.P.C. Neurology 1989

Royal Victoria Hospital
Division of Medical Genetics
Room H5-63
687 Pine Avenue West
Montreal, Quebec
H3A 1A1

Molecular Genetics

Dr. David S. ROSENBLATT
1 July 1990

Molecular studies in methylmalonic aciduria.

313 SIMARD, Marie F.
M.D. Laval 1980
F.R.C.P.C. Internal Medicine 1989

Department of Biochemistry
University of Southern California
School of Medicine
Institute for Genetic Medicine
2011 Zonal Avenue, HMR 413
Los Angeles, California 90033

Developmental Endocrinology

Dr. Laurence H. Kedes
1 July 1990

U.S.A.

Comparative study of tissue growth hormone receptors and serum growth hormone binding proteins in humans.

314 SIMOES DE BIVAR CUNANO, Ana M.
M.D. New University of Lisbon (Portugal) 1980

Department of Bioresearch
Ontario Cancer Institute
500 Sherbourne Street
Toronto, Ontario
M4X 1K9

Immunology

Dr. Christopher J. PAIGE
15 September 1987

Further studies on hematopoietic precursors in fetal liver cell population.

315 SINCLAIR, Alison
B.Sc.(1st Class Hons) Victoria 1981
Ph.D. McMaster 1986

Department of Biochemistry
University of Leeds
Leeds LS2 9JT
England

Neuroscience

Dr. John B.C. FINDLAY
1 July 1988

Structural studies on membrane proteins.

316 SINGER, Gary G,
M.D. Toronto 1987

Molecular Autoimmunity Section
Laboratory of Transplantation and Immunogenetics
Brigham & Women's Hospital
75 Francis Street
Boston, Massachusetts 02115
U.S.A.

Nephrology

Dr. Vicki E. KELLEY
1 July 1990

Regulation and function of intercellular adhesion molecules on proximal tubules.

317 SIROIS, Jean
D.M.V. Montréal 1983
M.Sc. Montréal 1987

Department of Biology
Baylor College of Medicine
1 Baylor Plaza
Houston, Texas 77030
U.S.A.

Dr. JoAnne S. RICHARDS
1 July 1988

Ovarian follicular development in cattle & horses.

318 SIU, Samuel C.B.
B.Sc. (Distinction) Alberta 1981
M.D. (Distinction) Alberta 1983
F.R.C.P.C. Internal Medicine 1988
F.R.C.P.C. Cardiology 1989

Cardiac Ultrasound Laboratories
Massachussetts General Hospital
Zero Emerson Place, Suite 2F
Boston, Massachusetts 02114
U.S.A.

Echocardiography
Ischemic Heart Disease

Dr. Arthur E. WEYMAN
1 July 1990

Spatial and temporal heterogeneity of post-ischemic myocardial energetics and function.

319 SKEA, Danna L.
B.Sc.(Hons) Toronto 1982
M.Sc. Toronto 1985
Ph.D. McMaster 1989

Department of Immunology
University of Toronto
Medical Sciences Bldg.
1 King's College Circle
Toronto, Ontario
M5S 1A8

Immunology
Vaccine Development and Delivery Systems

Dr. Brian H. BARBER
1 September 1989

Adjuvant-independent approaches to the delivery of subunit and synthetic peptide vaccines.

320 SKERJANC, Ilona S.
B.Sc.(Hons) Ottawa 1985
Ph.D. McGill 1989

Department of Medicine
University of Ottawa
451 Smyth road
Ottawa, Ontario
K1A 8M5

Biochemistry
Membrane Transport Systems

Dr. Michael D. MCBURNEY
15 November 1989

Identification of muscle gene transcription activator(s) from cardiac muscle cells.

321 SMART, Nora L.
B.Sc. Guelph 1980
D.V.M. Guelph 1984
M.Sc. Guelph 1987

Department of Microbiology and Immunology
University of Ottawa
451 Smyth Road

Veterinary Microbiology and Immunology

Dr. C. Margaret JOHNSON-LUSSENBURG

		Ottawa, Ontario K1H 8M5	1 July 1985

The pathogenesis of aggressive behavior in rabies infected skunks.

322	SMITH, Yoland B.Sc. Laval 1983 M.Sc. Laval 1984 Ph.D. Laval 1988	Department of Neurology Emory University 401 Woodruff Memorial Building P.O. Box V Drawer Atlanta, Georgia 30322 U.S.A.	Neurologie Dr. Mahlon R. DELONG 1er juin 1988

Organisation anatomique et fonctionnelle du noyau sousthalamique chez le primate.

323	SORISKY, Alexander B.Sc.(Hons) McGill 1978 M.D., C.M. McGill 1982 F.R.C.P.C. Medical Biochemistry 1986 F.R.C.P.C. Internal Medicine 1987 F.R.C.P.C. Endocrinology & Metabolism 1989	Metabolic Unit, Room C-332 Given Medical Building University of Vermont Burlington, Vermont 05405-0068 U.S.A.	Platelets Atherosclerosis Dr. Susan E. RITTENHOUSE 1 July 1989

Regulation of 3-phosphorylated phosphoinositide accumulation in human platelets.

324	SOSSIN, Wayne S. S.B. Massachusetts Institute of Technology 1984 Ph.D. Stanford 1989	Center for Neurobiology and Behavior College of Physicians and Surgeons of Columbia University 722 West 168th Street New York, New York 10032 U.S.A.	Neurobiology Dr. James H. SCHWARTZ 1 September 1989

The role of protein kinase C (PKC) in presynaptic facilitation.

325	SPANER, David E. B.Sc.(Hons) Alberta 1976 M.D. Alberta 1984 F.R.C.P.C. Internal Medicine 1989	Division of Hematology/Oncology Hospital for Sick Children 555 University Avenue, Rm. 3209A Toronto, Ontario M5G 1X8	Clinical Bone Marrow Transplantation Dr. Robert A. PHILLIPS Dr. Hans A. MESSNER 1 August 1989

Graft versus host disease in scid mice.

326	SPARKS, Daniel L. B.Sc. British Columbia 1984 Ph.D. British Columbia 1989	Department of Physiology and Biochemistry Medical College of Pennsylvania 3300 Henry Avenue Philadelphia, Pennsylvania 19129 U.S.A.	Lipoprotein Metabolism Dr. Michael Canavan PHILLIPS 1 April 1990

The effect of lipid composition on apoprotein A-I conformation in high density lipoprotein.

327	SPEARMAN, Maureen A. B.Sc.(Hons) Manitoba 1981 Ph.D. Manitoba 1988	Manitoba Institute of Cell Biology 100 Olivia Street Winnipeg, Manitoba R3E 0V9	Medicine Cancer Dr. Jim A. WRIGHT 15 May 1988

Defining the role of integrins in cellular adhesion of the metastatic phenotype.

328	STALKER, Margaret J. B.Sc.(Hons) Queen's 1982 D.V.M. Saskatchewan 1987	Department of Pathology Ontario Veterinary College University of Guelph Guelph, Ontario N1G 2W1	Pathology Oncology Dr. Michael A. HAYES 1 May 1990

Alterations in resistance to carcinogens during cancer progression.

329	STARR, Terence V.B. B.Sc. Simon Fraser 1983 M.Sc. British Columbia 1986	Department of Medical Genetics University of British Columbia Room 216, 6174 University Boulevard	Molecular Biology Biochemistry

Ph.D. British Columbia 1990

Vancouver, British Columbia
V6T 1W5

Dr. Terrance P. SNUTCH
1 January 1991

Molecular dissection of neurotransmitter receptors

330 STEINHART, A. Hillary
M.D. Toronto 1984
F.R.C.P.C. Internal Medicine 1988
F.R.C.P.C. Gastroenterology 1989

Department of Nutritional Sciences
Faculty of Medicine
University of Toronto
Fitzgerald Building, 150 College Street
Toronto, Ontario
M5S 1A8

Gastroenterology
Nutritional Sciences

Dr. David J.A. JENKINS
1 July 1990

Short chain fatty acid production and utilization in normal and diseased colon.

331 STEMMER, Brigitte
B.A. Ruhr-Universität Bochum (Germany) 1981
M.D. Universität Essen-Gesamthochschule 1988
Ph.D. Ruhr-Universität Bochum 1990

a/s Dr Yves C. Joanette
Centre de recherche
Centre Hospitalier Côte-des-Neiges
4565, chemin de la Reine Marie
Pièce R1738
Montréal (Québec)
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Neuropsychology
Neurolinguistics

Dr Yves C. JOANETTE
15 octobre 1990

Speech act production in brain damaged patients.

332 STEWART, Alexander K.
M.B., Ch.B. Aberdeen (Scotland) 1984
F.R.C.P.C. Internal Medicine 1989
F.R.C.P.C. Hematology 1990

Division of Hematology/Oncology
Tufts University School of Medicine
New England Medical Center
750 Washington Street, Box 245
Boston, Massachusetts 02111
U.S.A.

Malignant Hematology

Dr. Robert S. SCHWARTZ
1 July 1990

Immunoglobulin V genes of malignant lymphomas.

333 STEWART, Laura C.
B.Sc. Toronto 1982
Ph.D. Ottawa 1987

Molecular Physiology Section
Institute for Biological Sciences
National Research Council of Canada
Building M-40, Montreal Road
Ottawa, Ontario
K1A 0R6

Energetics and Cation Metabolism in Isolated, Perfused Hearts

Dr. Roxanne M.L. DESLAURIERS
15 February 1988

Energetics and cation metabolism in isolated, perfused hears using in vivo ^{31}P, ^{23}Na and ^{39}K nuclear magnetic resonance.

334 STRATHDEE, Craig A.
B.Sc. Guelph 1985
Ph.D. Guelph 1989

Department of Genetics
Hospital for Sick Children
555 University Avenue
11th Floor, Room 11-101, Elm Street Wing
Toronto, Ontario
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Eukaryotic Molecular Biology
Somatic Cell Genetics

Dr. Manuel BUCHWALD
1 July 1989

Genetic studies of Fanconi anaemia.

335 SULLIVAN, Margaret J.
B.S. Northern Arizona 1979
M.S. Northern Arizona 1983
M.S. Washington State (Pullman) 1985
Ph.D. Washington State (Pullman) 1986

c/o Dr. Leo P. Renaud
Neurology Division
Ottawa Civic Hospital
Loeb Research Institute
1053 Carling Avenue
Ottawa, Ontario
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Neuroscience

Dr. Leo P. RENAUD
1 May 1989

Influence of neuropeptides on plasma vasopressin and oxytocin secretion.

336 SUTHERLAND, May S.
B.Sc. Memorial 1980
M.Sc. Toronto 1982
Ph.D. Toronto 1989

Calcium Research Laboratory
St. Michael's Hospital
39 Shuter Street, Suite 233
Toronto, Ontario
M5B 1A6

Alzheimer's Disease

Dr. Timothy MURRAY

Jointly-sponsored fellowship with I.C.I. Pharma Canada of Mississauga
Study of brain cell death in Alzheimer's Disease.

337 SUZUKI, Shingo
M.D. Hamamatsu University Medical School (Japan) 1984

Division of Cardiovascular Sciences
St. Boniface General Hospital Research Centre
351 Tache Avenue
Winnipeg, Manitoba
R2H 2A6

Experimental Cardiology

Dr. Naranjan S. DHALLA
1 July 1990

Sarcolemmal Ca^{2+} translocation in congestive heart failure.

338 SWALLOW, Carol J.
M.D. Toronto 1984

Toronto General Hospital
101 College Street
CCRW 2-860
Toronto, Ontario
M5G 1L7

General Surgery
Biochmistry

Dr. Ori D. ROTSTEIN
1 August 1989

Cytoplasmic pH regulation in the macrophage by a novel Na^{+}-$HCO3^{-}$-independent mechanism.

339 SWEENEY, Marva I.
B.Sc. Mount Allison 1984
M.Sc. Dalhousie 1986
Ph.D. Dalhousie 1989

Academic Department of Pharmacology
Royal Free Hospital School of Medicine
Rowland Hill Street
London NW3 2PF
England

Neuro-Electrophysiology

Dr. Annette DOLPHIN
15 May 1990

Modulation of synaptic responses in cultured neurons.

340 SZOSTAK, Carolyn M.
B.A.(Hons) Carleton 1981
M.A. Carleton 1983
Ph.D. British Columbia 1988

Cognitive Neuroscience Centre
c/o National Institute of Mental Health
Building 10, Room 3D-41
Bethesda, Maryland 20892
U.S.A.

Cognitive Neuroscience

Dr. Herbert WEINGARTNER
1 October 1988

Psychobiology of cognitive functions in the affective disorders.

341 TABRIZCHI, Reza
B.Sc.(Hons) Sunderland Polytechnic (England) 1983
M.Sc. British Columbia 1986
Ph.D. British Columbia 1988

Department of Pharmacology and Therapeutics
Faculty of Medicine
University of Calgary
Calgary, Alberta
T2N 4N1

Cardiovascular Pharmacology

Dr. Christopher R. TRIGGLE
1 July 1990

The role of G-proteins in calcium influx.

342 TCHAKAROV, Liouben E.
M.D. Medical Academy (Bulgaria) 1975
Ph.D. McGill 1988

Department of Pharmacology
University of Ottawa
Health Science Building, #3123
451 Smyth Road
Ottawa, Ontario
K1H 8M5

Neuroscience

Dr. José-Maria TRIFARO
1 April 1989

Role of Actin and its severing proteins in cytoplasmic viscosity and secretion.

343 TEARE, Gary F.
D.V.M. Guelph 1986
M.Sc. Toronto 1990

Department of Population Medicine
Ontario Veterinary College
University of Guelph
Guelph, Ontario
N1G 2W1

Lymphocyte Migration
Cellular Immunology

Dr. Margaret THORBURN
1 May 1989

The epidemiology of chemotherapeutic use in fish produced in human consumption.

344 THEODORESCU, Dan
M.D. Queen's 1986

c/o Dr. R.S. Kerbel
Cancer Research Program
Sunnybrook Health Sciences Centre
2075 Bayview Avenue

Molecular Biology

Dr. Robert S. KERBEL

		North York, Ontario M4N 3M5	15 April 1990

Transforming growth factor beta as a molecular mediator of tumor progression.

345	THOMAS, K. Florian P. M.D. Bonn (Germany) 1982 M.A. Bonn 1983	Clinical Research Institute of Montreal 110 Pine Avenue West Montreal, Quebec H2W 1R7	Neurodegenerative Disorders Dr Paul JOLICOEUR 15 August 1990

Retrovirus-induced neurodegenerative disease: mapping of the env gp70 domain responsible for disease.

346	TIBERI, Mario B.Sc. Québec à Montréal 1983 M.Sc. Montréal 1986 Ph.D. Montréal 1990	Departments of Medicine and Cell Biology Howard Hughes Medical Institute Duke University Medical Center Carl Building, Room 384 Durham, North Carolina 27710 U.S.A.	Biologie moléculaire Pharmacologie des récepteurs Dr Marc G. CARON 1er avril 1990

Sequencing and cloning of the D_1 dopamine receptor.

347	TISCH, Roland M. B.Sc.(Hons) Waterloo 1983 Ph.D. Toronto 1990	Department of Microbiology and Immunology Sherman Fairchild Building, Room D-345 Stanford University Stanford, California 94305 U.S.A.	Autoimmunity Molecular Immunology Dr. Hugh O. MCDEVITT 1 March 1990

Isolation of pancreatic beta cell specific autoantigens.

348	TOBE, Sheldon W. B.Sc. Toronto 1982 M.D. Calgary 1985	Department of Medicine/Nephrology 13 Eaton North, Room 239 University of Toronto 200 Elizabeth Street Toronto, Ontario M5G 2C4	Clinical Renal Physiology Dr. Karl L. SKORECKI 1 July 1990

Mechanisms of resistance to atrial natriuretic peptide in cirrhosis with ascites.

349	TONIN, Patricia N. B.Sc. Toronto 1982 M.Sc. Toronto 1985 Ph.D. Toronto 1989	Royal Victoria Hospital Division of Medical Genetics 687 Pine Avenue West, Room H5-63 Montreal, Quebec H3A 1A1	Molecular Biology and Human Genetics Dr. David S. Rosenblatt 15 September 1989 Maternity Leave: 15.09.91-30.04.92

Identification of the rhabdomyosarcoma locus.

350	TRIGGS-RAINE, Barbara L. B.Sc.(Hons) Manitoba 1983 Ph.D. Manitoba 1987	c/o Dr. Roy Gravel McGill University Montreal Children's Hospital 2nd Floor Pl. Toulon 2300 Tupper Street Montreal, Quebec H3H 1P3	Medical Genetics Dr. Roy A. GRAVEL 1 August 1988

Genetic and biochemical characterization of hexosaminidase deficiency.

351	TUCK, Alan B. B.Sc.(Hons) Western Ontario 1981 M.D. Western Ontario 1985	Experimental Oncology Group London Regional Cancer Centre 790 Commissioners Road London, Ontario N6A 4L6	Cancer Dr. Ann F. CHAMBERS 1 September 1988

A genetic study of malignancy and the metastatic phenotype.

352 TURHAN, Ali
M.D. Pierre et Marie Currie (France) 1978
Ph.D. British Columbia 1990

Terry Fox Laboratory
B.C. Cancer Research Centre
601 West 10th Avenue
Vancouver, British Columbia
V5Z 1L3

Leukemia
Essential Thrombocytosis

Dr. Connie J. EAVES
1 July 1988

Clonality of normal and malignant hemopoietic cell populations.

353 TURKSEN, Kursad
B.Sc. Ottawa 1979
Ph.D. Toronto 1990

Howard Hughes Medical Institute
Research Laboratories
University of Chicago
5841 S. Maryland Avenue N. 312
Box 391
Chicago, Illinois 60637
U.S.A.

Molecular Biology

Dr. Elaine V. FUCHS
1 December 1990

Relative roles of TGF-beta and retinoids in controlling epidermal differentiation.

354 TYERS, Michael D.
B.Sc. McMaster 1983
Ph.D. McMaster 1989

Cold Spring Harbor Laboratory
(Delbruck Laboratory)
P.O. box 100
1 Bungtown Road
Cold Spring Harbor
New York 11724-212
U.S.A.

Yeast Genetics
Protein Turnover

Dr. A. Bruce FUTCHER
1 July 1989

Analysis of Cln3 regulation, degradation and associated kinase activity.

355 TYMIANSKI, Michael
M.D. Toronto 1987

Laboratory 1212 N P
Playfair Neuroscience Unit
Toronto Western Hospital
399 Bathurst Street
Toronto, Ontario
M5T 2S8

Spinal Cord Injury

Dr. Charles H. TATOR
1 July 1990

Pathophysiology and treatment of spinal cord injury.

356 TYNDALL, Mark W.
B.Sc.(Hons) Waterloo 1982
M.D. McMaster 1985
F.R.C.P.C. Internal Medicine 1989

Department of Medical Microbiology
University of Manitoba
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AIDS, Sexually-Transmitted Diseases

Dr. Francis A. PLUMMER
1 January 1990

Post exposure prophylaxis of HIV infection with AZT.

357 VAN DE LAVOIR, Marie-Cecile P.G.
D.V.M. Rijksuniversiteit te Utrecht (Netherlands) 1985

Department of Biomedical Sciences
Animal Biotechnology
Embryo Laboratory
University of Guelph
Guelph, Ontario
N1G 2W1

Fetal oocytes
Molecular Biology

Dr. Keith J. BETTERIDGE
1 May 1990

Female germ-cell and embryo manipulation in cattle.

358 VAN DER ZEE, Catharine E.E.M.
B.Sc. Rijksuniversiteit te Utrecht (Netherlands) 1980
Ph.D. Rijksuniversiteit te Utrecht (Netherlands) 1989

Department of Biomedical Sciences HSC 4N77A
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Hamilton, Ontario
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Neuroscience
Alzheimer's Disease

Dr. Jack DIAMOND
15 July 1990

Evidence for a compromising of NGF-related functions in the aging brain.

359 VILLAR, Jesus
M.D.(A with Honours) Universidad de la Languna (Spain) 1977

Mount Sinai Hospital
600 University Avenue
Room 656

Lung Injury

Ph.D.(cun laude) Toronto 1987

Toronto, Ontario
M5G 1X5

Dr. Arthur S. SLUTSKY
1 September 1988

Effect of heat-shock in animal models of acute lung injury.

360 VINCENT, Renaud
B.Sc. McGill 1979
M.Sc. Sherbrooke 1985
Ph.D. Sherbrooke 1988

Department of Medicine
Pulmonary Box 3177
Duke University Medical Center
Durham, North Carolina 27710
U.S.A.

Toxicologie pulmonaire

Dr. James D. CRAPO
1er décembre 1988

Toxicité pulmonaire des polluants atmosphériques.

361 WADDELL, Thomas K.
M.D. Ottawa 1987

Mount Sinai Hospital Research Institute
600 University Avenue
Suite 656A
Toronto, Ontario
M5G 1X5

Lung Allograft Preservation

Dr. Arthur S. SLUTSKY
1 July 1990

The effect of pulmonary preservation at moderate hypothermia.

362 WAGNER, J. Richard
B.Sc. Dalhousie 1979
M.Sc. Sherbrooke 1984
Ph.D. Sherbrooke 1988

Division of Biochemistry and Molecular Biology
University of California
401 Barker Hall
Berkeley, California 94720
U.S.A.

Biochemistry of DNA Damage

Dr. Bruce N. AMES
1 September 1989

Endogenous DNA damage related to aging and cancer.

363 WALKER, David C.
B.S. Wisconsin 1976
M.D. Case Western Reserve (Cleveland) 1980

Department of Genetics
Hospital for Sick Children
555 University Avenue
Toronto, Ontario
M5G 1X8

Molecular Biology

Dr. Roderick R. MCINNES
1 August 1988

A molecular analysis of human argininosuccinate lyase deficiency.

364 WALTER, Michael A.
B.Sc. Guelph 1984
Ph.D. Toronto 1990

Department of Human Molecular Genetics
P.O.Box 123
Lincoln's Inn Fields
London WC2A 3PX
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Human Molecular Biology

Dr. Peter N. GOODFELLOW
1 January 1991

Molecular analysis of sex determination and differentiation in man.

365 WANG, Chen
M.D. Jiamusi Medical College 1978
M.Sc. Harbin Medical University (People's Republic of China) 1981

c/o Dr. Ernest A. McCulloch
Division of Biological Research
Ontario Cancer Institute
500 Sherbourne Street
Toronto, Ontario
M4X 1K9

Human Leukemia

Dr. Ernest A. MCCULLOCH
1 July 1988

Clinical applications of regulatory mechanisms in acute myeloblastic leukemia.

366 WANG, Chiayeng
B.Sc.(Hons) Manitoba 1983
Ph.D. Calgary 1988

Dana-Farber Cancer Institute
Mayer Bldg., M 831
44 Binney Street
Boston, Massachusetts 02115
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Medical Genetics

Dr. Charles D. STILES
1 June 1988

Studies on the expression and regulation of platelet-derived growth factor and its receptor in murine embryonic cells.

367 WANG, Jian

MRC Regulatory Peptide Group

Hormonal Regulation

M.D. Harbin Medical University (People's Republic of China) 1982
Ph.D. British Columbia 1989

Faculty of Medicine
2146 Health Sciences Mall
Vancouver, British Columbia
V6T 1W5

of Insulin Secretion

Dr. John C. BROWN
1 April 1990

Identification of gastric inhibitory peptide receptors and alteration of electrical activity of beta cells.

368 WARD, Michael E.
M.D. Queen's 1981

Department of Medicine
Montreal Chest Hospital
3650 St. Urbain, Room 526
Montreal, Quebec
H2X 2P4

Respiratory Physiology

Dr. Peter T. MACKLEM
1 February 1987

Effect of inanition and deconditioning on the respiratory muscles.

369 WATSON, Andrew J.
B.Sc.(1st Class Hons) Manitoba 1981
M.Sc. Manitoba 1984
Ph.D. Western Ontario 1989

Department of Medical Biochemistry
University of Calgary
Health Sciences Centre
3330 Hospital Drive N.W.
Calgary, Alberta
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Developmental Biology

Dr. Gilbert A. SCHULTZ
1 September 1989

Developmental changes in response to transfected genes in mouse embryos.

370 WELHAM, Melanie J.
B.Sc.(1st Class Hons) London (England) 1985
Ph.D. London (England) 1988

The Biomedical Research Centre
2222 Health Sciences Mall
University of British Columbia
Vancouver, British Columbia
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Haemopoiesis
Growth Factors

Dr. John W. SCHRADER
15 May 1990

Molecular identification of novel regulators of haemopoiesis.

371 WELLINGTON, Cheryl L.
B.Sc.(Hons) Alberta 1985
Ph.D. British Columbia 1990

Department of Microbiology and Molecular Genetics
Harvard Medical School
260 Longwood Avenue
Building D1
Boston, Massachusetts 02115
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Molecular Genetics

Dr. Joel G. BELASCO
1 November 1990

Mechanisms of messenger DNA degradation.

372 WEST, Kenneth A.
M.D. Western Ontario 1985

Renal Unit, Jackson 8
Massachusetts General Hospital
Fruit Street
Boston, Massachusetts 02114
U.S.A.

Dr. Dennis A. AUSIELLO
1 July 1990

Guanine nucleotide regulatory (G) protein gene expression in the kidney.

373 WESTERLUND, John A.R.
M.D. British Columbia 1984
F.R.C.P.C. Medical Biochemistry 1989

c/o Dr. K.H. Weisgraber
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University of California
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San Francisco
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Lipoprotein Metabolism

Dr. Karl H. WEISGRABER
1 September 1989

Structure-function of apolipoprotein E.

374 WILD, Gary E.
B.Sc. McGill 1974
Ph.D. McGill 1978
M.D., C.M. McGill 1983
F.R.C.P.C. Internal Medicine 1987

Montreal General Hospital
Division of Gastroenterology
1650 Cedar Street
Montreal, Quebec
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Cell and Molecular Biology

Dr. Gary C. BENNETT
1 July 1988

Roles of polyamines in postnatal intestinal development.

375 WILKINSON, Marshall F.
B.Sc.(Hons) British Columbia 1985
M.Sc. British Columbia 1987
Ph.D. British Columbia 1990

Department of Medical Physiology
University of Calgary
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Neurophysiology

Dr. Quentin J. PITTMAN
1 October 1990

Electrophysiology of arginine vasopressin action.

376 WILSON, Jeffrey B.
D.V.M. Guelph 1982
D.V.Sc. Guelph 1987

Department of Population Medicine
University of Guelph
Ontario Veterinary College
Guelph, Ontario
N1G 2W1

Veterinary Epidemiology

Dr. Carlton Lloyd GYLES
1 March 1987

Epidemiology of verotoxigenic E. coli in Ontario dairy cattle.

377 WILSON, Paula J.
B.A. York 1982
Ph.D. York 1989

Centre for Neuroscience Research
McGill University
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1650 Cedar Avenue
Montreal, Quebec
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Cell Biology of Aging

Dr. Salvatore CARBONETTO
1 July 1989

Integrin-mediated adhesions in developing neurites in culture.

378 WOERLY, Stéphane
M.D. Louis Pasteur (Strasbourg, France) 1983
Ph.D. Laval 1990

Department of Biological Sciences
University of Keele
Keele, Staffordshire ST5 5BG
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Neurobiologie

Dr. Ruth DUNCAN
15 avril 1987

Étude de matrices biosynthétiques dans la régénération nerveuse centrale.

379 WOLLENBERG, Gordon K.
B.Sc. Manitoba 1978
D.V.M. Saskatchewan 1983
M.Sc. Guelph 1990
Ph.D. Guelph 1991

Department of Pathology
Ontario Veterinary College
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N1G 2W1

Experimental Comparative Pathology of Cancer

Dr. Michael A. HAYES
15 May 1985

Mechanisms of normal and altered liver cell proliferation and neoplastic transformation.

380 WONG, Dennis A.
B.Sc. Manitoba 1984
M.D. Manitoba 1984
F.R.C.P.C. Internal Medicine 1988

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Allergy

Dr. Judah A. DENBURG
Dr. Jerry DOLOVICH
1 July 1990

The role of cytokines in allergic inflammation.

381 WOO, Nobby D.
B.Sc. Manitoba 1988
M.D. Manitoba 1988

Department of Anatomy
Basic Medical Sciences Building
730 William Avenue
Winnipeg, Manitoba
R3E 0W3

Cardiovascular Regulation

Dr. Pallab K. GANGULY
Dr. William A. ANDERSON
1 September 1989

Peptidergic regulation of sympathetic nerve function in cardiac hypertrophy.

382 WOODRUFF, Wendy A.
B.Sc. Alberta 1982
Ph.D. British Columbia 1988

Room 111, Pathology Bldg.
University of Tennessee
858 Madison Avenue
Memphis, Tennessee 38163
U.S.A.

Bacterial Pathogenesis

Dr. Dennis E. OHMAN
1 July 1990

Regulation of capsule biosynthesis in Pseudomonas aeruginosa.

383 WOOLLEY, George A.
B.Sc. Toronto 1984
Ph.D. Toronto 1990

Department of Chemistry
Rensselaer Polytechnic Institute
Troy, New York 12180
U.S.A.

Prof. B.A. WALLACE
1 July 1990

Molecular characterization of ion channel.

384 WROBEL-KONRAD, Edyta
M.D. Medical Academy of Szczecin (Poland) 1986

Clinical Research Institute of Montreal
Laboratory of Pathobiology
110 Pine Avenue West
Montreal, Quebec
H2W 1R7

Atrial Natriuretic Factor

Dr Ernesto L. SCHIFFRIN
1 July 1990

Function of atrial natriuretic factor and angiotensin II in the brain.

385 WU, Guoyao
B.Sc. South China Agricultural University (People's Republic of China) 1982
M.Sc. Beijing Agricultural University (Poeple's Republic of China) 1984
M.Sc. Alberta 1986
Ph.D. Alberta 1989

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Nutritional Metabolism

Dr. Errol B. MARLISS
1 August 1989

Whole body and specific organ ketone body metabolism in diabetes mellitus and in altered nutritional states.

386 WU, Qi
BM Beijing Medical College (People's Republic of China) 1982
Ph.D. Alabama at Birmingham 1990

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Hematology

Dr. Robert A. PHILLIPS
1 June 1990

Developmentally-regulated genes specifically expressed in hematopoietic stem cells.

387 XANTHOUDAKIS, Steve
B.Sc. Concordia 1984
Ph.D. McGill 1990

Department of Molecular Oncology and Virology
Roche Institute of Molecular Biology
340 Kingsland Street
Nutley, New Jersey 07110
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Molecular Oncology

Dr. Tom CURRAN
15 May 1990

Molecular basis of transcriptional regulation by proto-oncogenes.

388 XIAO, Hua
B.S. Central China Normal University 1977
Ph.D. Cornell (New York) 1989

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Department of Genetics
Hospital for Sick Children, Room 9115
555 University Avenue
Toronto, Ontario
M5G 1X8

RNA synthesis

Dr. James D. FRIESEN
1 June 1990

Genetic and molecular studies of RNA polymerases in Saccharomyces cerevisiae.

389 YAGER, Jerome Y.
M.D. Manitoba 1980
F.R.C.P.C. Pediatrics 1986

Department of Pediatrics
Milton S. Hershey Medical Center
Pennsylvania State University
P.O. Box 850
Hershey, Pennsylvania 17033
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Neonatal/Perinatal Brain Injury

Dr. Robert C. VANNUCCI
1 July 1990

Pathogenesis of perinatal hypoxic-ischemic brain injury.

390 YOO, Dongwan
D.V.M. Seoul National University (Korea) 1972
M.Sc. Seoul National University 1981
Ph.D. Ottawa 1988

Department of Veterinary Microbiology
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Virology

Dr. Lorne A. BABIUK
1 April 1989

Cloning and expression of bovine rotavirus and coronavirus proteins.

391 YOUNG, L. Trevor
M.D. Manitoba 1983
M.Sc. Toronto 1988

Department of Biochemical Psychiatry
Clarke Institute of Psychiatry
250 College Street
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Neuropsychopharmacology

Dr. Jerry J. WARSH
1 July 1987

Central nervous system transduction in postmortem brain.

392 YUAN, Shaohua
M.D. Beijing University (People's Republic of China 1977
M.Sc. Beijing University (China) 1981
Ph.D. Toronto 1988

Faculty of Pharmacy
University of Toronto
19 Russell Street
Toronto, Ontario
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Cardiovascular Research

Dr. Jake J. TNIESSEN
15 February 1988

Calcium channel blockers and adriamycin cardiotoxicity.

393 YUAN, Songyang
M.D. Xianxiang Medical College (Henan, People's Republic of China) 1983

Department of Pathology
McGill University
Lyman Duff Medical Sciences Building
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Montreal, Quebec
H3A 2B4

Pathology
Colon Cancer

Dr. Serge JOTHY
1 July 1990

Human colon cancer: the functional role of carcinoembryonic antigen as an adhesion molecule.

394 ZACHAREWSKI, Timothy Richard
B.Sc. Guelph 1985
Ph.D. Texas A&M University 1990

Laboratoire de génétique moléculaire des eucaryotes, Unité 184
Centre national de la recherche scientifique L.G.M.E.
11, rue Humann
Strasbourg Cedex 67085
France

Steroid Resecptors

Dr Pierre CHAMBON
1 January 1990

Characterization of the functional domains of the oestrogen receptor.

395 ZHANEL, George G.
B.Sc. Manitoba 1984
Pharm.D.(High Honors) Minnesota 1986

University of Manitoba
Clinical Microbiology
Health Sciences Centre
MS6-820 Sherbrook Street
Winnipeg, Manitoba
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Microbial

Dr. Daryl J. Hoban
1st July 1989

Jointly-sponsored Fellowship with the Pharmaceutical Manufacturers' Association of Canada-Health-Research Foundation
Effects of subinhibitory antimicrobial concentrations on Pseudomonas aeruginosa adherence and exoenzyme expression in a uroepithelial cell assay.

396 ZHANG, Liang
M.D. Hubei Medical College (Poeple's Republic of China) 1975
Ph.D. McGill 1989

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Neuroscience

Dr. Peter L. CARLEN
15 June 1989

Postnatal development of GABA-mediated inhibition in mammalian brain neurons.

397 ZHAO, Jianmin
B.S. University of Science and Technology

Division of Biological Research
Ontario Cancer Institute

Cell Biology
Biochemistry

(Anhui Province, People's Republic of China) 1982
Ph.D. State University of New York (Stony Brook) 1988

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Dr. Ronald N. BUICK
1 May 1990

Pertussis-toxin sensitive G-protein in signal transduction.

398 ZHENG, Yunli
B.M. Beijing Medical University (People's Republic of China) 1986

Department of Immunology
Faculty of Medicine
University of Manitoba
730 William Avenue
Winnipeg, Manitoba
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Immunology
Allergy

Dr. Arnold FROESE
1 September 1990

Establishment and characterization of hybrid mast cells.

399 ZIDICHOUSKI, Jeffrey A.
B.Sc. Western Ontario 1979
Ph.D. Alberta 1990

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Edmonton, Alberta
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Neurophysiology
Cardiovascular Transmitters

Dr. Jack H. JHAMANDAS
1 January 1991

Electrophysiological characterization of central cardiovascular pathways in the rat.

400 ZWIMPFER, Thomas J.
M.D. Toronto 1983

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1650 Cedar Avenue
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Regeneration of the CNS

Dr. Alberto J. AGUAYO
1 May 1988

Synaptogenesis by regenerating retinal ganglion cell axons in adult mammals.